



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				05.06.2017
2.	Railway	ER	Type	LWSCN1	Coach No.	16252	
3.	Booked to		SSE/C&W/LILUAH				
4.	Tare Weight of Coach		41.239 T				
5.	Carrying Capacity	Seating	80	Sleeping	80	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 )	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	86/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i	BRAKE EQUIPMENT	FAIVELEY				
	ii	SEAT & BERTH	OVPL				
	iii	BODY SIDE DOORS	JVR				
	iv	WATER TANKS	RAIL FAB				
	v	FLOOR BOARD	TWPL				
	vi	PVC FLOORING	RESPONSIVE				
	vii	UIC VESTIBULE	ESCORTS				
	viii	VESTIBULE SLIDING DOOR	HP				
		BIO TOILET	RAIL TECH, JSL				
10.							
	10.1	Modification / Trail (if any):	NIL				
	10.2	Deviations if any:	NIL				



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11.	<b>Bogie Details:</b>		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			7011	ER	LSCN	16252	27-04-2017			
11.1	<b>Wheel &amp; Axle Details:</b>									
	i.	Bogie No.	176390				176391			
	ii.	Frame No.	FIAT-5650				FIAT-5657			
	iii.	Bolster No.	6893-GT				6844-GT			
	iv.	Axle No.	V-2449		S-3775		S-9379		W-3029	
	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.	00095/7251	00044/7250	00055/7321	00056/7321	00058/7274	00066/7250	00178/7321	00039/7321
	viii.	R.B. Nos.	77111	76878	77317	76598	87832	87846	87966	87844
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING								
11.2	<b>Secondary suspension load deflection Values:</b>									
<b>Description</b>		<b>Lateral Damper Side</b>		<b>Non Lat. Damper side</b>		<b>Lateral Damper Side</b>		<b>Non Lat.Damper side</b>		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	RSK-16-04-321	GBD-17-02-254	RSK-16-04-332	GBD-17-02-249	RSK-16-04-278	GBD-17-02-240	RSK-16-04-326	GBD-17-02-248	
ii.	Ht. at test load	514	472	515	471	516	470	516	470	
iii.	Align .deviation	6	11	10	12	5	5	6	6	
11.3	<b>Items traceability:</b>									
	<b>Sno.</b>	<b>Item</b>							<b>Make</b>	
	i.	Primary Outer Spring			FSK-16-12		FSK-16-7		FSK	
	ii.	Primary inner Spring			FSK-16-07		FSK-16-07		FSK	
	iii.	Primary Damper			35502,35667,35379,35386		35655,35638,35523,35410		KONI	
	iv.	Secondary damper			031,026		011,234		GEREP	
	v.	Lateral Damper			0294		0011		SV	
	vi.	Brake cylinder & Caliper			K16011/600,K16148/600 K16008/600,K16147/600		K16129/600,K16158/600 K16126/600,K16154/600		FTI	
	vii.	Brake Disc							FTI	
	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							MGN	
	xiii.	Lateral Bump stop							GMT	
	xiv.	Traction center make							EMSON	
	xv.	Traction lever make							AEW	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							GMT	
	xviii.	Secondary rubber pad							TESPAK	
	xix.	Rubber spring							GMT	
	xx.	Anti roll bar make							SARITA	
	xxi.	Ball joint roll link							SARITA	
	xxii.	Fork make							RNG	
11.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

LSCN-7011



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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7007	DISPATCH DATE				10.06.2017
2.	Railway	ER	Type	LWSCN1	Coach No.	16253	
3.	Booked to		SSE/C&W/LILUAH				
4.	Tare Weight of Coach		41.239 T				
5.	Carrying Capacity	Seating	80	Sleeping	80	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 )	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	86/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i	BRAKE EQUIPMENT	FAIVELEY				
	ii	SEAT & BERTH	OVPL				
	iii	BODY SIDE DOORS	SUKATA				
	iv	WATER TANKS	AMIT & SHIVALIK				
	v	FLOOR BOARD	TWPL				
	vi	PVC FLOORING	RESPONSIVE				
	vii	UIC VESTIBULE	ESCORTS				
	viii	VESTIBULE SLIDING DOOR	JBM				
		BIO TOILET	RAIL TECH, JSL				
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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11.	<b>Bogie Details:</b>	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		7007	ER	LSCN	16253	04-05-2017				
11.1	<b>Wheel &amp; Axle Details:</b>									
	i.	Bogie No.	176412				176413			
	ii.	Frame No.	FIAT-4989				FIAT-5553			
	iii.	Bolster No.	6926-P				6937-GT			
	iv.	Axle No.	S-3554		K-2929		W-3170		W-3220	
	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.	00075/7321	00098/6221	00066/6014	00085/6221	00106/7321	00112/7321	00168/7321	00045/6221
	viii.	R.B. Nos.	77094	78947	79752	78941	78215	76552	76554	79740
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
	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-17-3-074	GBD-16-7-02	GBD-17-3-095	GBD-16-7-015	GBD-17-3-075	GBD-17-3-288	GBD-17-3-093	GBD-17-3-226	
ii.	Ht. at test load	516	468	516	472	513	472	515	472	
iii.	Align .deviation	6	12	6	12	6	6	9	11	
11.3	<b>Items traceability:</b>									
	Sno.	Item							Make	
	i.	Primary Outer Spring			FSK-17-3		FSK-17-3		FSK	
	ii.	Primary inner Spring			FSK-16-07		FSK-16-07		FSK	
	iii.	Primary Damper			36229,36177,36421,36219		36598,36238,36586,36217		KONI	
	iv.	Secondary damper			032,037		086,046		GABRIEL	
	v.	Lateral Damper			0376		0049		SV	
	vi.	Brake cylinder & Caliper			M16002/600,M16336/600 M16003/600,M16331/600		K16215/600,K16244/600 K16218/600,K16242/600		FTI	
	vii.	Brake Disc							FTI	
	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							MGN	
	xiii.	Lateral Bump stop							GMT	
	xiv.	Traction center make							EMSON	
	xv.	Traction lever make							AFW	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							GMT	
	xviii.	Secondary rubber pad							TECSPAK	
	x ix.	Rubber spring							GMT	
	x x.	Anti roll bar make							SARITA	
	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				

LSCN-7007



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Form No. : QMF 9454; Version: 1

1.	SHELL No.	7010	DISPATCH DATE				20.06.2017
2.	Railway	ER	Type	LWSCN1	Coach No.	16255	
3.	Booked to		SSE/C&W/LILUAH				
4.	Tare Weight of Coach		41.239 T				
5.	Carrying Capacity	Seating	80	Sleeping	80	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	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	87/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i	BRAKE EQUIPMENT	FAIVELEY				
	ii	SEAT & BERTH	OVPL				
	iii	BODY SIDE DOORS	JVR				
	iv	WATER TANKS	AMIT & SHIVALIK				
	v	FLOOR BOARD	TWPL				
	vi	PVC FLOORING	RESPONSIVE				
	vii	UIC VESTIBULE	SSIPL				
	viii	VESTIBULE SLIDING DOOR	HANSPAL				
		BIO TOILET	M K PRECISION				
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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11.	<b>Bogie Details:</b>	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		7010	ER	LSCN	16255	04-05-2017				
11.1	<b>Wheel &amp; Axle Details:</b>									
	i.	Bogie No.	176412				176413			
	ii.	Frame No.	FIAT-4989				FIAT-5553			
	iii.	Bolster No.	6926-P				6937-GT			
	iv.	Axle No.	S-3554		K-2929		W-3170		W-3220	
	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.	00075/ 7321	00098/ 6221	00066/6 014	00085/ 6221	00106/ 7321	00112/ 7321	00168/7 321	00045/6 221
	viii.	R.B. Nos.	77094	78947	79752	78941	78215	76552	76554	79740
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
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-17-3-074	GBD-16-7-02	GBD-17-3-095	GBD-16-7-015	GBD-17-3-075	GBD-17-3-288	GBD-17-3-093	GBD-17-3-226	
ii.	Ht. at test load	516	468	516	472	513	472	515	472	
iii.	Align .deviation	6	12	6	12	6	6	9	11	
11.3	<b>Items traceability:</b>									
	Sno.	Item							Make	
	i.	Primary Outer Spring			FSK-17-3		FSK-17-3		FSK	
	ii.	Primary inner Spring			FSK-16-07		FSK-16-07		FSK	
	iii.	Primary Damper			36229,36177,36421,36219		36598,36238,36586,36217		KONI	
	iv.	Secondary damper			032,037		086,046		GABRIEL	
	v.	Lateral Damper			0376		0049		SV	
	vi.	Brake cylinder & Caliper			M16002/600,M16336/600 M16003/600,M16331/600		K16215/600,K16244/600 K16218/600,K16242/600		FTI	
	vii.	Brake Disc							FTI	
	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							MGN	
	xiii.	Lateral Bump stop							GMT	
	xiv.	Traction center make							EMSON	
	xv.	Traction lever make							AFW	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							GMT	
	xviii.	Secondary rubber pad							TECSPAK	
	xix.	Rubber spring							GMT	
	xx.	Anti roll bar make							SARITA	
	xxi.	Ball joint roll link							SARITA	
	xxii.	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.	7008	DISPATCH DATE				07.06.2017
2.	Railway	ER	Type	LWSCN1	Coach No.	16251	
3.	Booked to		SSE/C&W/LILUAH				
4.	Tare Weight of Coach		41.239 T				
5.	Carrying Capacity	Seating	80	Sleeping	80	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	1100		
	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	FAIVELEY				
	ii	SEAT & BERTH	OVPL				
	iii	BODY SIDE DOORS	JVR				
	iv	WATER TANKS	SHIVALIK				
	v	FLOOR BOARD	TWPL				
	vi	PVC FLOORING	RESPONSIVE				
	vii	UIC VESTIBULE	SSIPL/ESCORTS				
	viii	VESTIBULE SLIDING DOOR	HP				
		BIO TOILET	RAIL TECH, JSL				
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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11.	<b>Bogie Details:</b>	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		7008	ER	LSCN	16251	27-04-2017				
11.1	<b>Wheel &amp; Axle Details:</b>									
	i.	Bogie No.	176392				176393			
	ii.	Frame No.	FIAT-5323				FIAT-5649			
	iii.	Bolster No.	6819-P				6832-P			
	iv.	Axle No.	R-2642		N-6325		W-3320		S-9880	
	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.	00054/7251	00014/7250	00080/7259	00144/7250	00028/7253	00009/7274	00064/6223	00139/7253
	viii.	R.B. Nos.	85971	76126	77397	76005	75936	76185	76385	79494
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
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-16-4-325	GBD-17-3-244	RSK-16-4-313	GBD-17-3-245	RSK-16-4-103	GBD-17-3-156	RSK-16-4-356	GBD-17-3-207	
ii.	Ht. at test load	515	471	513	469	516	472	516	472	
iii.	Align .deviation	7	9	4	9	5	9	3	6	
11.3	<b>Items traceability:</b>									
	Sno.	Item							Make	
	i.	Primary Outer Spring			FSK-16-7		FSK-16-12		FSK	
	ii.	Primary inner Spring			FSK-16-07		FSK-16-07		FSK	
	iii.	Primary Damper			35392,35635,35403,35371		35625,35615,35383,35389		KONI	
	iv.	Secondary damper			404,3		238,16		GEREP	
	v.	Lateral Damper			0317		0019		SV	
	vi.	Brake cylinder & Caliper			N16263/600,N16011/600 N16267/600,N16016/600		K16108/600,K16109/600 K16106/600,K16105/600		FTI	
	vii.	Brake 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							MGN	
	xiii.	Lateral Bump stop							GMT	
	xiv.	Traction center make							EMSON	
	xv.	Traction lever make							SARITA, AFW	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							GMT	
	xviii.	Secondary rubber pad							TECSPAK	
	xix.	Rubber spring							GMT	
	xx.	Anti roll bar make							SARITA	
	xxi.	Ball joint roll link							SARITA	
	xxii.	Fork make							RNG,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.	7009	DISPATCH DATE				07.06.2017
2.	Railway	ER	Type	LWSCN1	Coach No.	16254	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	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	1104		
	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	85/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i	BRAKE EQUIPMENT		FAIVELEY			
	ii	SEAT & BERTH		OVPL			
	iii	BODY SIDE DOORS		JVR			
	iv	WATER TANKS		SHIVALIK,E C BLADES			
	v	FLOOR BOARD		TWPL			
	vi	PVC FLOORING		RESPONSIVE			
	vii	UIC VESTIBULE		ESCORTS			
	viii	VESTIBULE SLIDING DOOR		HANSPAL			
		BIO TOILET		RAIL TECH, JSL			
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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11.	<b>Bogie Details:</b>		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			7009	ER	LSCN	16254	08-05-2017			
11.1	<b>Wheel &amp; Axle Details:</b>									
	i.	Bogie No.	176424				176425			
	ii.	Frame No.	FIAT-5670				FIAT-5613			
	iii.	Bolster No.	1615-GT				6940-GT			
	iv.	Axle No.	K-6596		V-2013		N-0889		W-3166	
	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	916.00	916.00
	vii.	Wheel Disc No.	00181/62 25	00190/61 29	00156/622 1	00010/73 12	00013/6 136	00175/61 77	00149/618 7	00129/61 67
	viii.	R.B. Nos.	78226	76514	76347	79862	09415	09047	08785	08829
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
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-17-3-21	GBD-17-3-312	GBD-17-3-99	GBD-17-3-307	GBD-17-3-65	GBD-17-3-301	GBD-17-3-98	GBD-17-3-305	
ii.	Ht. at test load	514	471	516	472	516	470	516	469	
iii.	Align .deviation	7	6	6	5	7	12	7	12	
11.3	<b>Items traceability:</b>									
	Sno.	Item						Make		
	i.	Primary Outer Spring			GBD-16-12		GBD-16-12		GBD	
	ii.	Primary inner Spring			FSK-16-07		FSK-16-07		FSK	
	iii.	Primary Damper			34117,33107,33260,33442		33115,33123,33075,33090		KONI	
	iv.	Secondary damper			023,042		031,008		GABRIEL	
	v.	Lateral Damper			0331		0252		SV	
	vi.	Brake cylinder & Caliper			M16373/600,M16235/600 M16236/600,M16236/600		M16222/600,M16233/600 M16375/600,M16231/600		FTI	
	vii.	Brake Disc							FTI	
	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							MGN	
	xiii.	Lateral Bump stop							GMT	
	xiv.	Traction center make							EMSON	
	xv.	Traction lever make							AFW	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							GMT	
	xviii.	Secondary rubber pad							TECSPAK	
	xix.	Rubber spring							GMT	
	xx.	Anti roll bar make							SARITA	
	xxi.	Ball joint roll link							SARITA	
	xxii.	Fork make							SARITA	
11.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				