



रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

फार्म सं. Form QMF 9454; Version: 1  
No. :

1.	शेल नं. SHELL No.	6049	डिस्पैच तिथि	DISPATCH DATE	21.08.17		
2.	रेलवे Railway	NER	Type	LWSCZAC	Coach No.	16156	
3.	को बुक किया गया Booked to	SSE/C&W/GKP					
4.	खाली डिब्बे का भार Tare Weight of Coach	40.28 T					
5.	वहन क्षमता Carrying Capacity	सीटें Seating	78	शायिकाएं Sleeping	कोई नहीं NIL	सामान Luggage	कोई नहीं NIL
6.	शेल का विवरण Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	प्रमुख आयाम Leading Dimensions:						
i)	बॉडी की अधिकतम लंबाई Maximum length over Body	23700+10/-0 mm					
ii)	बॉडी की अधिकतम चौड़ाई Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)					
iii)	रेल लेवल से अधिकतम ऊंचाई Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)					
iv)	बफर/सीबीसी ऊंचाई CBC Height	विनिर्दिष्ट Specified : 1105 +0 /-15 mm	1105	1105			
v)	बफर/सीबीसी मेक) CBC (Make )	ESCORT					
7.	एअर ब्रेक जांच Air Brake Testing:	विवरण Description	विनिर्दिष्ट Specified	Observed			
7.1	फुल ब्रेक एप्लीकेशन 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	तीव्रता Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min	No brake application	OK			
7.3	संवेदनशीलता Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.	Brake must apply	OK			
8.	पेंट का विवरण PAINTING DETAILS:	पेंट का प्रकार TYPE OF PAINT	मेक MAKE	AVERAGE GLOSS VALUE			
8.1	पेंट PAINT	VIBGYOR	86/86				
8.2	PCN-123 की एप्लीकेशन APPLICATION OF PCN-123						
8.3	इंसुलेशन INSUALTION						
9.	फर्निशिंग मदों संबंधी जानकारी Traceability of Furnishing Items:				मेक Make		
i.	ब्रेक उपकरण BRAKE EQUIPMENT				FAVELLY		
iii.	BIOTOILET				RAIL FAB		
iv.	सीट एवं बर्थ SEAT & BERTH				ADVANCE SILICON		
v.	बॉडी साइड डोर BODY SIDE DOORS				JVR		
vi.	सैलून डोर SALOON SLIDING DOORS				KALSI		
vii.	वेस्टीब्यूल स्लाइडिंग डोर VESTIBULE SLIDING DOOR				KALSI		
viii.	वाटर टैंक WATER TANKS				RAIL TECH(AUX) & SHIVALIK(U/S)		
ix	यूआईसी वेस्टीब्यूल UIC VESTIBULE				ESCORT		
x	फ्लोर बोर्ड FLOOR BOARD				TWPL		
XI	पीवीसी PVC				RESPONSIVE		
10.							
10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो ) Modification / Trail (if any):				NIL		



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

Bogie Pair ID: 176618624

11. Bogie Details:		Shell No.	Railway		Type	Coach No.	Dispatch Date		
		6049	NER		LWSCEAC	I6159/C	21-AUG-17		
<b>11.1 Wheel &amp; Axle Details:</b>									
i.	Bogie No.	176618				176624			
ii.	Frame No.	FIAT-5720				ECBT-136			
iii.	Bolster No.	P-7109				P-7150			
iv.	Axle No.	P-9467		N-3562		S-9796		W-3082	
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	915.50	916.00	916.00	917.00	917.00	917.00	917.00
vii.	Wheel Disc No.	00143-6043	00167-6221	00103-6191	00032-6192	00068-7250	00001-6215	00024-6193	00113-6044
viii.	RB Nos.	04695	04370	04607	04437	04590	04744	03248	04671
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-16-11-412	GBD-17-04-153	RSK-16-11-707	GBD-17-04-07	RSK-16-10-961	GBD-17-04-150	RSK-16-06-348	GBD-17-4-154
ii.	Ht. at lest load	508.00	466.00	509.00	466.00	510.00	468.00	511.00	467.00
iii.	Align. deviation	14.00	6.00	16.00	7.00	15.00	12.00	13.00	12.00
<b>Items traceability:</b>									
<b>11.3</b>		<b>Sno.</b>	<b>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	36736, 36852, 36639, 36942		35955, 35985, 35953, 35981		KONI		
	iv.	Secondary Damper	326, 310		323, 177		GABRIEL		
	v.	Lateral Damper	125		205		GABRIEL		
	vi.	Break cylinder & Caliper	A17166, B17016, A17182, B17018		17084, 17196, 17186, 17147		FTI		
	vii.	Break Disc					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		
	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					SGA	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					EMSON	SARITA	
<b>11.4</b>		<b>i.</b>	Modification/Trail (if any):	NIL					
		<b>ii.</b>	Deviations (if any):	NIL					

LWSCZAC-6049



रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

फार्म सं. Form QMF 9454; Version: 1  
No. :

1.	शेल नं. SHELL No.	6052	डिस्पैच तिथि	DISPATCH DATE	25.08.17		
2.	रेलवे Railway	NER	Type	LWSCZAC	Coach No.	16158	
3.	को बुक किया गया Booked to	SSE/C&W/GKP					
4.	खाली डिब्बे का भार Tare Weight of Coach	40.28 T					
5.	वहन क्षमता Carrying Capacity	सीटें Seating	78	शायिकाएं Sleeping	कोई नहीं NIL	सामान Luggage	कोई नहीं NIL
6.	शेल का विवरण Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	प्रमुख आयाम Leading Dimensions:						
i)	बॉडी की अधिकतम लंबाई Maximum length over Body	23700+10/-0 mm					
ii)	बॉडी की अधिकतम चौड़ाई Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)					
iii)	रेल लेवल से अधिकतम ऊंचाई Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)					
iv)	बफर/सीबीसी ऊंचाई CBC Height	विनिर्दिष्ट Specified : 1105 +0 /-15 mm	1104	1104			
v)	बफर/सीबीसी मेक) CBC (Make )	ESCORT					
7.	एअर ब्रेक जांच Air Brake Testing:	विवरण Description	विनिर्दिष्ट Specified	Observed			
7.1	फुल ब्रेक एप्लीकेशन 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	तीव्रता Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min	No brake application	OK			
7.3	संवेदनशीलता Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.	Brake must apply	OK			
8.	पेंट का विवरण PAINTING DETAILS:	पेंट का प्रकार TYPE OF PAINT	मेक MAKE	AVERAGE GLOSS VALUE			
8.1	पेंट PAINT		VIBGYOR	86/86			
8.2	PCN-123 की एप्लीकेशन APPLICATION OF PCN-123						
8.3	इंसुलेशन INSUALTION						
9.	फर्निशिंग मदों संबंधी जानकारी Traceability of Furnishing Items:				मेक Make		
i.	ब्रेक उपकरण BRAKE EQUIPMENT				FAVELLY		
iii.	BIOTOILET				RAIL FAB		
iv.	सीट एवं बर्थ SEAT & BERTH				ADVANCE SILICON		
v.	बॉडी साइड डोर BODY SIDE DOORS				JVR		
vi.	सैलून डोर SALOON SLIDING DOORS				KALSI		
vii.	वेस्टीब्यूल स्लाइडिंग डोर VESTIBULE SLIDING DOOR				KALSI		
viii.	वाटर टैंक WATER TANKS				RAIL TECH(AUX) & RAIL TECH(U/S)		
ix	यूआईसी वेस्टीब्यूल UIC VESTIBULE				ESCORT/POLYMER		
x	फ्लोर बोर्ड FLOOR BOARD				TWPL		
XI	पीवीसी PVC				RESPONSIVE		
10.							
10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो ) Modification / Trail (if any):			NIL			



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

Bogie Pair ID: 176655657

11.	<b>Bogie Details:</b>		Shell No.	Railway	Type	Coach No.	Dispatch Date		
			6052	NER	LWSCEAC	I6158/C	25-AUG-17		
11.1	<b>Wheel &amp; Axle Details:</b>								
i.	Bogie No.	176655				176657			
ii.	Frame No.	SCI-954				ECBT-113			
iii.	Bolster No.	P-7128				P-7168			
iv.	Axle No.	R-3597		R-2744		V-2394		W-3310	
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.	916.50	916.00	916.50	916.50	917.00	916.50	916.50	916.50
vii.	Wheel Disc No.	00430-6QG4	00427-6QG4	00071-6212	00068-6221	00063-7248	00091-7250	00168-6204	00108-6204
viii.	RB Nos.	03676	04741	04402	04077	03512	03312	04588	04625
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-17-5-275	GBD-17-5-19	GBD-17-5-66	GBD-17-5-44	GBD-17-5-100	GBD-17-5-57	GBD-17-5-176	GBD-17-5-70
ii.	Ht. at lest load	509.00	464.00	509.50	466.00	512.00	464.00	512.00	463.00
iii.	Align. deviation	11.00	11.00	11.00	12.00	10.00	6.00	11.00	10.00
11.3	<b>Items traceability:</b>								
	Sno.	Item					Make		
	i.	Primary Outer Spring	FSK-17-01		FSK-17-01		FSK		
	ii.	Primary inner Spring	RSK-14-05		RSK-14-05		RSK		
	iii.	Primary Damper	32781, 36671, 36775, 32773		32821, 35157, 36636, 36753		KONI		
	iv.	Secondary Damper	184, 274		312, 532		GABRIEL		
	v.	Lateral Damper	086		020		GABRIEL		
	vi.	Break cylinder & Caliper	A17180,A17092, A17184,A17256		B17002,A17240, B17005,A17244		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					SGA	MSN	
	xvii.	Traction center elastic					SGA	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	EMSON	
11.4	i.	Modification/Trail(if any):	NIL						
	ii.	Deviations (if any):	NIL						

LWSCZAC-6052



रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

फार्म सं. Form QMF 9454; Version: 1  
No. :

1.	शेल नं. SHELL No.	6055	डिस्पैच तिथि	DISPATCH DATE	24.08.17		
2.	रेलवे Railway	NER	Type	LWSCZAC	Coach No.	16157	
3.	को बुक किया गया Booked to	SSE/C&W/GKP					
4.	खाली डिब्बे का भार Tare Weight of Coach	40.28 T					
5.	वहन क्षमता Carrying Capacity	सीटें Seating	78	शायिकाएं Sleeping	कोई नहीं NIL	सामान Luggage	कोई नहीं NIL
6.	शेल का विवरण Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	प्रमुख आयाम Leading Dimensions:						
i)	बॉडी की अधिकतम लंबाई Maximum length over Body	23700+10/-0 mm					
ii)	बॉडी की अधिकतम चौड़ाई Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)					
iii)	रेल लेवल से अधिकतम ऊंचाई Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)					
iv)	बफर/सीबीसी ऊंचाई CBC Height	विनिर्दिष्ट Specified : 1105 +0 /-15 mm	1105	1104			
v)	बफर/सीबीसी मेक) CBC (Make )	ESCORT					
7.	एअर ब्रेक जांच Air Brake Testing:	विवरण Description	विनिर्दिष्ट Specified	Observed			
7.1	फुल ब्रेक एप्लीकेशन 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	तीव्रता Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min	No brake application	OK			
7.3	संवेदनशीलता Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.	Brake must apply	OK			
8.	पेंट का विवरण PAINTING DETAILS:	पेंट का प्रकार TYPE OF PAINT	मेक MAKE	AVERAGE GLOSS VALUE			
8.1	पेंट PAINT	VIBGYOR		87/89			
8.2	PCN-123 की एप्लीकेशन APPLICATION OF PCN-123						
8.3	इंसुलेशन INSUALTION						
9.	फर्निशिंग मदों संबंधी जानकारी Traceability of Furnishing Items:				मेक Make		
i.	ब्रेक उपकरण BRAKE EQUIPMENT			FAVELLY			
iii.	BIOTOILET			RAIL FAB			
iv.	सीट एवं बर्थ SEAT & BERTH			ADVANCE SILICON			
v.	बॉडी साइड डोर BODY SIDE DOORS			JVR, JBM			
vi.	सैलून डोर SALOON SLIDING DOORS			KALSI			
vii.	वेस्टीब्यूल स्लाइडिंग डोर VESTIBULE SLIDING DOOR			KALSI			
viii.	वाटर टैंक WATER TANKS			RAIL TECH(AUX) & RAIL TECH(U/S)			
ix	यूआईसी वेस्टीब्यूल UIC VESTIBULE			POLYMER			
x	फ्लोर बोर्ड FLOOR BOARD			TWPL			
XI	पीवीसी PVC			RESPONSIVE			
10.							
10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो ) Modification / Trail (if any):			NIL			



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

Bogie Pair ID: 176635636

11.	<b>Bogie Details:</b>		Shell No.	Railway	Type	Coach No.	Dispatch Date				
			6055	NER	LWSCEAC	I6157/C	23-AUG-17				
11.1	<b>Wheel &amp; Axle Details:</b>										
i.	Bogie No.	176635				176636					
ii.	Frame No.	FIAT-5809				FIAT-5733					
iii.	Bolster No.	P-7124				P-7145					
iv.	Axle No.	Y-7864		W-3331		S-3337		S-9888			
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	916.50		
vii.	Wheel Disc No.	00154-7250	00126-6226	00141-7250	00074-6192	00153-6192	00166-6180	00191-6192	00023-7250		
viii.	RB Nos.	03844	04446	04713	03738	03584	02831	03990	03389		
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-17-5-222	GBD-16-12-82	GBD-17-5-203	GBD-16-12-139	GBD-17-5-200	GBD-16-12-170	GBD-17-5-57	GBD-16-12-118		
ii.	Ht. at lest load	512.00	468.00	511.00	467.00	509.50	468.00	508.50	468.00		
iii.	Align. deviation	10.00	9.00	9.00	9.00	11.00	12.00	11.00	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		FSK-17-03			FSK-17-03			FSK		
iii.	Primary Damper		32650, 36002, 36609, 37047			36256, 36415, 35233, 35934			KONI		
iv.	Secondary Damper		331, 350			348, 338			GABRIEL		
v.	Lateral Damper		008			225			GABRIEL		
vi.	Break cylinder & Caliper		M16309,M16342, M16323,M16330			M16251,M16284, M16255,M16287			FTI		
vii.	Break Disc									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	
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								

LWSCZAC-6055



रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

फार्म सं. Form QMF 9454; Version: 1  
No. :

1.	शेल नं. SHELL No.	6051	डिस्पैच तिथि	DISPATCH DATE	19.08.17		
2.	रेलवे Railway	NER	Type	LWSCZAC	Coach No.	16155	
3.	को बुक किया गया Booked to	SSE/C&W/GKP					
4.	खाली डिब्बे का भार Tare Weight of Coach	40.28 T					
5.	वहन क्षमता Carrying Capacity	सीटें Seating	78	शायिकाएं Sleeping	कोई नहीं NIL	सामान Luggage	कोई नहीं NIL
6.	शेल का विवरण Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	प्रमुख आयाम Leading Dimensions:						
i)	बॉडी की अधिकतम लंबाई Maximum length over Body	23700+10/-0 mm					
ii)	बॉडी की अधिकतम चौड़ाई Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)					
iii)	रेल लेवल से अधिकतम ऊंचाई Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)					
iv)	बफर/सीबीसी ऊंचाई CBC Height	विनिर्दिष्ट Specified : 1105 +0 /-15 mm	1105	1092			
v)	बफर/सीबीसी मेक) CBC (Make )	ESCORT					
7.	एअर ब्रेक जांच Air Brake Testing:	विवरण Description	विनिर्दिष्ट Specified	Observed			
7.1	फुल ब्रेक एप्लीकेशन 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	तीव्रता Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min	No brake application	OK			
7.3	संवेदनशीलता Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.	Brake must apply	OK			
8.	पेंट का विवरण PAINTING DETAILS:	पेंट का प्रकार TYPE OF PAINT	मेक MAKE	AVERAGE GLOSS VALUE			
8.1	पेंट PAINT	VIBGYOR	86/88				
8.2	PCN-123 की एप्लीकेशन APPLICATION OF PCN-123						
8.3	इंसुलेशन INSUALTION						
9.	फर्निशिंग मदों संबंधी जानकारी Traceability of Furnishing Items:				मेक Make		
i.	ब्रेक उपकरण BRAKE EQUIPMENT			FAVELLY			
iii.	BIOTOILET			RAIL FAB			
iv.	सीट एवं बर्थ SEAT & BERTH			ADVANCE SILICON			
v.	बॉडी साइड डोर BODY SIDE DOORS			JVR			
vi.	सैलून डोर SALOON SLIDING DOORS			KALSI			
vii.	वेस्टीब्यूल स्लाइडिंग डोर VESTIBULE SLIDING DOOR			KALSI			
viii.	वाटर टैंक WATER TANKS			RAIL TECH(AUX) & SHIVALIK(U/S)			
ix	यूआईसी वेस्टीब्यूल UIC VESTIBULE			ESCORT			
x	फ्लोर बोर्ड FLOOR BOARD			TWPL/NARBADA			
XI	पीवीसी PVC			RESPONSIVE			
10.							
10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो ) Modification / Trail (if any):			NIL			



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

Bogie Pair ID: 176612613

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date		
		6051	NER		LWSCAC	16155/C	19-AUG-17		
<b>11.1 Wheel &amp; Axle Details:</b>									
i.	Bogie No.	176612				176613			
ii.	Frame No.	FIAT-5717				SCI-958			
iii.	Bolster No.	GT-7095				F-7107			
iv.	Axle No.	S-3051		W-3610		W-3229		R-2956	
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	916.00	916.00
vii.	Wheel Disc No.	00105-6221	00021-7256	00049-6107	00069-6047	00183-6047	00044-7256	00133-6221	00082-6107
viii.	RB Nos.	03543	04045	04244	03468	04158	04101	03756	03780
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	JIC 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-16-9-938	GBD-17-04-55	RSK-16-9-418	GBD-17-04-56	RSK-16-9-931	GBD-17-04-75	RSK-16-9-363	GBD-17-04-19
ii.	Ht. at rest load	509.00	468.00	507.00	468.00	508.00	468.00	508.00	466.00
iii.	Align. deviation	13.00	11.00	11.00	7.00	10.00	6.00	10.00	6.00
<b>Items traceability:</b>									
11.3		Sno.	Item					Make	
i.			Primary Outer Spring	GBD-17-05		GBD-17-05		GBD	
ii.			Primary inner Spring	FSK-17-03		FSK-17-03		FSK	
iii.			Primary Damper	37042, 35546, 35574, 36738		35497, 35936, 36872, 37076		KONI	
iv.			Secondary Damper	314, 313		309, 355		GABRIEL	
v.			Lateral Damper	122		121		GABRIEL	
vi.			Break cylinder & Caliper	B17218, B17108, B17223, B17111		B17053, B17257, B17021, B17218		FTI	
vii.			Break Disc					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	
xiii.			Lateral Bump stop					GMT	
xiv.			Traction center make					EMSON	
xv.			Traction lever make					SARITA	
xvi.			Ball joint traction lever					SCA	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					KMG	
11.4		i.	Modification/Trail (if any):	NIL					
		ii.	Deviations (if any):	NIL					

LWSCZAC-6051