



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6086			DISPATCH DATE	02.06.2017	
2.	Railway	ER	Type	LWLRRM	Coach No.	17857	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach	53.4 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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)	CBC Height	Specified : 1105 +0 /-15 mm	1105	1105		
	v)	CBC (Make )	ESCORTS	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		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			FAIVELEY		
	iii.	BIO TANK			RAIL FAB		
	iv.	SEATS/S&B			AMIR CHAND		
	v.	BODY SIDE DOOR			JVR		
	vi.	VESTIBULE SLIDING DOOR			HP		
	vii.	CREW-GEN & GUARD ROOM DOOR			JBM/KALSI		
	viii.	WATER TANKS			SHIVALIK, AMIT		
	ix	FUEL TANK			GAURAV ASSOCIATE		
	x	UIC VESTIBULE			SSIPL		
	XI	FLOOR BOARD			NARBADA		
	XII	PVC			RESPONSIVE		
	XII	LP SHEET			--		
	10.1	<b>Modification / Trail (if any):</b> 1. Fire/Smoke Detection with Alarm System as per RDSO Spec No. RDSO/2013/CG-09 Rev:03, Supplied and Commissioned by M/S. Sanrok , Delhi. Contact No. 9810566723. 2.Vinyl Wrapping supplied and fitted by. M/S.Tehno Expert Jalandhar , Punjab , Contact No. 9317550000					
	10.2	Deviations if any:			NIL		



11.	<b>Bogie Details:</b>		<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>			
			6086	ER	LWLRRM	17857	30-03-2017			
11.1	<b>Wheel &amp; Axle Details:</b>		<b>Gen.van side 1 hand brake</b>				<b>Gen.van side 2</b>			
	i.	<b>Bogie No.</b>	176293				176290			
	ii.	<b>Frame No.</b>	FIAT-5532				ECBT-029			
	iii.	<b>Bolster No.</b>	6798-P				6789-P			
	iv.	<b>Axle No.</b>	S-9878		R-2966		S-3860		N-0479	
	v.	<b>Items/locations</b>	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
	vi.	<b>Wheel Dia.</b>	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	vii.	<b>Wheel Disc No.</b>	00059/6 188	00039/6 201	00001/6 177	00148/6 219	00194/6 194	00150/6 191	00148/6 179	00012/613 8
	viii.	<b>R.B. Nos.</b>	85841	79676	79520	79642	80019	76429	75949	79570
	ix.	<b>R.B. Make</b>	SKF		SKF		SKF		SKF	
	x.	<b>RB Type</b>	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.	<b>Make &amp; nos.</b>	G-15-9-011	G-15-10-132	G-15-9-038	G-15-10-122	RSK-16-10-771	G-15-10-186	RSK-16-10-632	G-15-10-197	
ii.	<b>Ht. at test load</b>	510	466	511	466	514	468	514	468	
iii.	<b>Align .deviation</b>	10	14	9	13	2	3	2	5	
11.3	<b>Items traceability:</b>									
	<b>Sno.</b>	<b>Item</b>						<b>Make</b>		
	i.	Primary Outer Spring			FSK-16-11		L&S-15-12		FSK,L&S	
	ii.	Primary inner Spring			FSK-16-7		L&S-15-11		FSK,L&S	
	iii.	Primary Damper			33910,34208,33898,34054		37083,37283,37119,36969		KONI	
	iv.	Secondary damper			0569,0754		0776,0190		SV	
	v.	Lateral Damper			256		0389		SV	
	vi.	Brake cylinder & Caliper			B17029/600,C17002/600 C17008/600,B17028/600		A17009/600,A17014/600 A17007/600,A17011/600		FTI	
	vii.	Brake Disc							KBI,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							AWF, SARITA	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							SGA	
	xviii.	Secondary rubber pad							TECSPA	
	xix.	Rubber spring							GMT	
	xx.	Anti roll bar make							EMSON, SARITA	
	xxi.	Ball joint roll link							SARITA	
	xxii.	Fork make							SARITA	
11.4	i.	<b>Modification / Trial (if any):</b>				NIL				
	ii.	<b>Deviations (if any):</b>				NIL				



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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6089			DISPATCH DATE	17.06.2017	
2.	Railway	ER	Type	LWLRRM	Coach No.	17856	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach	53.4 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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)	CBC Height	Specified : 1105 +0 /-15 mm		1105	1105	
	v)	CBC (Make )	ESCORTS		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	85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
	i.	BRAKE EQUIPMENT			ESCORTS		
	iii.	BIO TANK			RAIL FAB		
	iv.	SEATS/S&B			AMIR CHAND		
	v.	BODY SIDE DOOR			JVR		
	vi.	VESTIBULE SLIDING DOOR			HP		
	vii.	CREW-GEN & GUARD ROOM DOOR			JBM/KALSI		
	viii.	WATER TANKS			SHIVALIK, AMIT		
	ix	FUEL TANK			GAURAV ASSOCIATE		
	x	UIC VESTIBULE			SSIPL		
	XI	FLOOR BOARD			NARBADA		
	XII	PVC			RESPONSIVE		
	XII	LP SHEET			--		
	10.1	<b>Modification / Trail (if any):</b> 1. Fire/Smoke Detection with Alarm System as per RDSO Spec No. RDSO/2013/CG-09 Rev:03, Supplied and Commissioned by M/S. Sanrok , Delhi. Contact No. 9810566723. 2.Vinyl Wrapping supplied and fitted by. M/S.Tehno Expert Jalandhar , Punjab , Contact No. 9317550000					
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			6089	ER	LWLRRM	17856	18-04-2017			
11.1	<b>Wheel &amp; Axle Details:</b>		Gen.van side 1 hand brake				Gen.van side 2			
	i.	<b>Bogie No.</b>	176357				176352			
	ii.	<b>Frame No.</b>	FIAT-5416				ECBT-033			
	iii.	<b>Bolster No.</b>	6867-GT				6845-GT			
	iv.	<b>Axle No.</b>	V-1789		V-2415		R-3163		W-3267	
	v.	<b>Items/locations</b>	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
	vi.	<b>Wheel Dia.</b>	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	vii.	<b>Wheel Disc No.</b>	00012/6 185	00125/6 178	00036/6 186	00037/6 186	00123/6 203	00041/6 216	00115/7 258	00093/617 8
	viii.	<b>R.B. Nos.</b>	87014	76117	77522	88645	76274	79721	79094	63283
	ix.	<b>R.B. Make</b>	SKF		SKF		SKF		SKF	
	x.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	<b>Secondary suspension load deflection Values:</b>									
<b>Description</b>		Lateral Damper Side		Non Lat. Damper side		Lateral Damper Side		Non Lat.Damper side		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	<b>Make &amp; nos.</b>	G-15-9-071	G-15-10-171	G-15-9-018	G-15-10-194	RSK-16-9-740	G-15-10-133	RSK-16-9-764	G-15-10-157	
ii.	<b>Ht. at test load</b>	510	467	511	465	514	468	513	467	
iii.	<b>Align .deviation</b>	8	5	5	5	1	1	1	3	
11.3	<b>Items traceability:</b>									
	<b>Sno.</b>	<b>Item</b>						<b>Make</b>		
	i.	Primary Outer Spring		L&S-15-12		L&S-15-12		L&S		
	ii.	Primary inner Spring		RSK-16-4		FSK-16-7		RSK,FSK		
	iii.	Primary Damper		37606,37759,37637,37597		37814,37784,37740,37768		KONI		
	iv.	Secondary damper		0705,0590		0570,0758		SV		
	v.	Lateral Damper		0169		0405		SV		
	vi.	Brake cylinder & Caliper		33937/2120,34212/2212 33949/2120,34206/2212		33952/2120,31498/2120 34133/2210,33944/2120		ESCORTS		
	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		
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.	6083	DISPATCH DATE				30.06.2017
2.	Railway	ER	Type	LWLRRM	Coach No.	17858	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach	53.4 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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 )	ESCORTS	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		
	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.	SEATS/S&B	AMIR CHAND				
	v.	BODY SIDE DOOR	JVR				
	vi.	VESTIBULE SLIDING DOOR	HANSPAL				
	vii.	CREW-GEN & GUARD ROOM DOOR	JBM/KALSI				
	viii.	WATER TANKS	MANOJ & SHIVALIK				
	ix	FUEL TANK	GAURAV				
	x	UIC VESTIBULE	SSIPL				
	XI	FLOOR BOARD	NARBADA				
	XII	PVC	RESPONSIVE				
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			
			6083	ER	LWLRRM	17858	11-04-2017			
11.1	<b>Wheel &amp; Axle Details:</b>		Gen.van side 1 hand brake				Gen.van side 2			
	i.	Bogie No.	176335				176336			
	ii.	Frame No.	FIAT-5616				FIAT-5583			
	iii.	Bolster No.	6858-GT				6859-GT			
	iv.	Axle No.	S-9900		W-2892		V-1467		S-9351	
	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	918.00	918.00
	vii.	Wheel Disc No.	00025/6204	00035/7251	00022/7292	00050/7292	00101/7260	00109/7250	00074/6134	00196/6201
	viii.	R.B. Nos.	78897	78904	82204	78746	80082	77038	75814	76225
	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>		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.	G-15-9-032	G-15-10-174	G-15-9-024	G-15-10-191	RSK-16-9-546	G-15-10-169	RSK-16-10-751	G-15-10-192	
ii.	Ht. at test load	510	466	510	465	515	470	515	469	
iii.	Align .deviation	13	11	11	11	6	2	5	2	
11.3	<b>Items traceability:</b>									
	Sno.	Item						Make		
	i.	Primary Outer Spring			L&S-15-12		L&S-15-12		L&S	
	ii.	Primary inner Spring			FSK-16-4		FSK-16-7		L&S	
	iii.	Primary Damper			35449,35740,35689,35792		35751,35688,35738,35772		KONI	
	iv.	Secondary damper			0178,0691		0683,0695		SV	
	v.	Lateral Damper			0157		440		SV	
	vi.	Brake cylinder & Caliper							---	
	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	
	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	
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				30.06.2017
2.	Railway	ER	Type	LWLRRM	Coach No.	17859	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach	53.4 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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		GS	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.	SEATS/S&B				AMIR CHAND		
v.	BODY SIDE DOOR				JVR		
vi.	VESTIBULE SLIDING DOOR				HANSPAL		
vii.	CREW-GEN & GUARD ROOM DOOR				KALSI/JBM		
viii.	WATER TANKS				AMIT & SHIVALIK		
ix	FUEL TANK				GAURAV		
x	UIC VESTIBULE				SSIPL		
XI	FLOOR BOARD				TAYAL		
XII	PVC				RESPONSIVE		
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



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11.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		7002	ER	LWLRRM	17859	4-03-2017				
11.1	<b>Wheel &amp; Axle Details:</b>	<b>Gen.van side 1 hand brake</b>				<b>Gen.van side 2</b>				
	i.	<b>Bogie No.</b>	176196				176195			
	ii.	<b>Frame No.</b>	FIAT-5429				SCI/FM-824			
	iii.	<b>Bolster No.</b>	6619-P				6647-GT			
	iv.	<b>Axle No.</b>	N-0565		K-6019		N-5857		K-3589	
	v.	<b>Items/locations</b>	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
	vi.	<b>Wheel Dia.</b>	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	vii.	<b>Wheel Disc No.</b>	00191/6212	00077/6217	00051/6201	00076/6201	00005/6201	00068/6212	00069/6212	00186/6215
	viii.	<b>R.B. Nos.</b>	76936	27025	27014	76808	26961	77784	76488	27011
	ix.	<b>R.B. Make</b>	SKF		SKF		SKF		SKF	
	x.	<b>RB Type</b>	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.	<b>Make &amp; nos.</b>	G-15-9-003	G-15-10-128	G-15-9-067	G-15-10-147	G-15-9-389	G-15-10-158	G-15-9-323	G-15-10-211	
ii.	<b>Ht. at test load</b>	510	467	511	467	511	468	512	469	
iii.	<b>Align .deviation</b>	4	5	5	6	18	1	22	3	
11.3	<b>Items traceability:</b>									
	<b>Sno.</b>	<b>Item</b>						<b>Make</b>		
	i.	Primary Outer Spring		L&S-15-12		L&S-15-12		L&S		
	ii.	Primary inner Spring		FSK-16-7		FSK-16-7		FSK		
	iii.	Primary Damper		35716,35027,35405,35639		35936,35728,35722,35701		KONI		
	iv.	Secondary damper		0009,0099		0186,0386		SV		
	v.	Lateral Damper		0348		0398		SV		
	vi.	Brake cylinder & Caliper		C17017/2000,C17012/2000 B17020/2000,C17022/2000		A17005/2000,D17010/2000 N16002/2000,K16013/2000		FTI		
	vii.	Brake 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						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						TECSPA		
	xix.	Rubber spring						GMT		
	xx.	Anti roll bar make						EMSON		
	xxi.	Ball joint roll link						SARITA		
	xxii.	Fork make						SARITA		
11.4	i.	<b>Modification / Trial (if any):</b>				NIL				
	ii.	<b>Deviations (if any):</b>				NIL				