

Schedule of Accreditation

Issued To

Motabaqah- Car Spare Parts Testing Laboratory - Riyadh Branch

2nd Industrial Area, AL-KHarj Road ,Riyadh
Kingdom of Saudi Arabia.

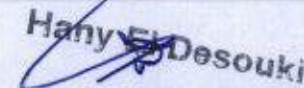
Schedule No.: 414012B

Issue No.(1): March 26, 2015 1st accreditation date: March 26, 2015

Revision No. (2): April 27, 2017

Valid to : March 25, 2019

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Car spar parts		
Brake Pad	Compressive strain test 5 KN to 100 KN	UNECE-R 90- 2012 item 5.2.2 ISO 6310-2009- item 9 SASO 2241-2005- item 8 Compressibility tester S.N: 1116.03
	Shear test 5 KN to 100 KN	UNECE-R 90 -2012 item 5.2.2 ISO 6312-2010- item 7 GSO ISO 6312-2007 item 7 Shear tester S.N: 2221.01
	Resistance to water, saline solution, oil & brake fluid	SASO 2439-2005 item 6 ISO 6314-1980 -item 6 Tester, water, salt solution,oil and brake fluid baths S.N: 2221.01
	Determination of friction behaviour Max pressure 100 bar Max torque 100 N.m	UNECE-R 90 - 2012 annex 9 Friction quality tester S.N: 2013006


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Oil Filter	Differential pressure test 20 to 100 L/min	ISO 4548/1997 part 1: item 10	Lube oil filter test bench S.N: 4457
	Element by-pass valve characteristics test 20 to 100 L/min	ISO 4548/1997 part 2 : item 10	
	Static burst pressure test 0 to 30 bar	ISO 4548/2012 part 6: item 6	
	Inlet & outlet anti drain valve test	ISO 4548/2008 part 9 : item 7	
	Cold start simulation & hydraulic pulse durability test 0 to 30 bar	ISO 4548/2013 part 5: item 8	Lube oil filter test bench S.N: 4457
	Filtration efficiency test 5 to 300 L/min 40 to 300 L/min	ISO 4548/2000 part 12 ; item 10 ISO 16889/2008 item 7 ISO 19438/2003 item 7	Cold start simulation & hydraulic pulse durability S.N: 4845 Multipass test bench S.N: 4553


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Road vehicles wheels	Impact test 100 kg to 1300 kg Wheel size;14" to 20"	UNECE-R 124 / 2007 annex 8 GSO ISO 7141/ 2008 (E) item 5	Impact tester S.N: 2110081/4620
	Dynamic cornering fatigue test 0.6 to 12 KN.m Wheel size :14" to 20"	UNECE-R 124 /2007 annex 6 ISO 3006 /2015- item 4 ISO 3894 /2005- annex 7 item 4	Fatigue tester S.N: 2110082/5280
	Dynamic radial fatigue test Max. load :10,000 kg Max. speed: 150 km/h Wheel size:14" to 22.5"	UNECE-R 124 /2007 annex 6 ISO 3006 /2015- item 5 ISO 3894 /200-5 item 5	Hydraulic rim rolling 2 load station S.N: 7001812

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Motor vehicle radiator	Leakage test 20 to 400 Kpa	GSO 135/2007- item 6	Leak test bench S.N: 7001812
	Vibration test 0 to1000000 cycle	GSO 135/2007- item 8	Vibration test bench S.N: 7001912
	Corrosion resistance test	GSO 135/2007- item 5	Corrosion resistance tester S.N: 1412


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