SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

JOHNSON MATTHEY TESTING[1]
12600 Universal Drive
Taylor, MI 48180
Mark Tomczyk 734 893 6113

MECHANICAL

Valid To: October 31, 2012 Certificate Number: 1958.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive components:

Equipment	Parameter	Method(s)
Eddy Current and Transient Dynamometers	Up to 8,000 RPM Horsepower: From 25 to 800 Torque: Up to 3000 lb ft.	CETP: 09.02-L-900-Catalyst Rapid Aging CETP: 07.00-L-301-Trans Shift CETP: 07.01-L-311 GMAC: 820, 875, 1165R Clutch Burst (Per Customer Request) The Following Tests Per CFR 40 July 1 2007: HDT OICA (SET, ESC) ETC LA-4 US06 NRTC NRSC DaimlerChrysler: W2569, W2527 GED, PTED, GETC EOL Audit Testing
Clean Room		Per EPA 2007
Exhaust Gas Analytical Equipment		Horiba Gasoline and Diesel benches MKS & Horiba FTIR
Particulate Measurement		Full and Partial Flow Dilution Tunnels AVL 415S Smoke Meters AVL Micro Soot Sensors

[1] This accreditation covers testing performed at the main laboratory listed above, and at the satellite laboratory indicated. Also using customer specified test methods within the parameters listed above.

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JOHNSON MATTHEY TESTING
25201 Brest Rd.
Taylor, MI 48180

Equipment	Parameter	Method(s)
Engine Dynamometer	Up to 8,000 RPM Horsepower: From 25 to 500 Torque Up to 2500 lb ft	W2662-W2666, W2668, W2669 GED, PTED EOL Audit Testing Clutch Burst (per customer request)
Belt Friction Stand	Up to 1000 RPM Temperature: -20°F to 250°F Tension: Up to 300 lb ft	Ford: DVT-3.05-Belt 004
24 Station Bearing Test Stand	Up to 6,500 RPM Temperature: -40°F to 250°F Tension: Up to 30 lb ft	Ford: DVT-3.05-Idler 005
Environmental Chambers and Oven	Temperature: -40°F to 1832°F Up to 95 % Humidity Motoring capabilities	

Also using customer specified test methods within the parameters listed above.