

SGS MILEAGE ACCUMULATION

OUR HIGH CAPACITY MAD FACILITY CAN ELIMINATE THE RISK TO ON-ROAD ACCUMULATION

SGS offers a mileage accumulation dynamometer (MAD) facility less than two hours from Detroit in Jackson, MI. We are able to age passenger cars, trucks and light-duty commercial vehicles for engine catalyst control system aging, exhaust emissions deterioration, vehicle load acceptance, vehicle calibration development, lube evaluations, and transmission aging, as well as diesel particulate filter regeneration studies.



CONTACT US

To request a quote or discuss your testing needs in detail, please call +01 844 730 4175 or email us.transportation@sgs.com.



DRIVERLESS AGING ON EDDY CURRENT DYNOS

Our Jackson, MI facility offers seven eddy current absorbing, single 40" roll dynamometers as well as a flexible automation system for data acquisition, customized drive cycles and alarming.

- Determine the engine and catalyst emissions deterioration performance at full useful life
- Driverless, automated throttle and breaking
- Road load model
- Sensors and customized alarms may be added for vehicle protection
- Programmable drive cycles
- Road speed modulated frontal cooling fans
- OBD interface
- Video surveillance and recording for each vehicle
- 24/7 operation

ADVANTAGES OF MAD TESTING OVER ON-ROAD AGING

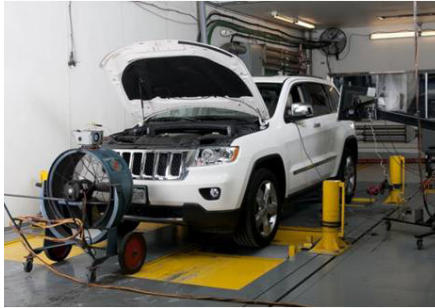
- Eliminate risk to the on-road driver
- Your tests will be uninterrupted testing in inclement weather
- Eliminate the potential for on-road accidents
- Using the EPA's Standard Road Cycle, vehicles can be aged in 120,000 in four months
- Closed loop control systems ensure accurate and repeatable drives on the dynamometer
- MAD testing is more cost effective than on-road aging

SGS

SGS UNIQUE TESTING SOLUTIONS

WHY CHOOSE SGS AS YOUR TESTING PARTNER?

When your testing is performed at an SGS laboratory, rest assured that the results will be of the highest quality in the industry. Our laboratories are used by automotive and engine manufacturers, suppliers, the petrol chemical industry, the research community and government agencies among others. We offer vehicle procurement, engineering services, control system calibration, data analysis and project management to meet specific customer needs.

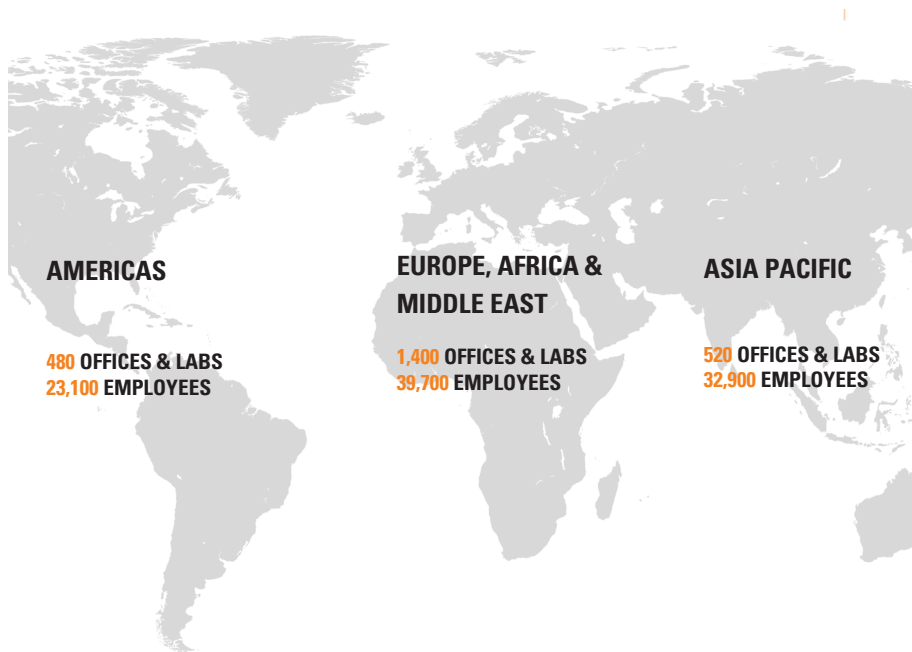


UNIQUE OFFERINGS

- Our high-feature engine and vehicle test cells located in Aurora, CO, equipped with our patented altitude simulation system (BASE™), allow us to test powertrains from sea level and normal conditions to extreme altitude and variable temperature conditions.
- Our labs are equipped with comprehensive security and video surveillance systems to ensure customer confidentiality.
- Our highly skilled and experienced staff aids customers to test new products, perform research and development and ensure compliance with federal and state emissions regulations.
- Our core business is the advancement of test technology and methods to enable the development of next-generation powertrains.

SGS GLOBAL & LOCAL

95,000 EMPLOYEES | 2,400 OFFICES & LABS AROUND THE WORLD



VARIABLE ALTITUDE ENGINE & VEHICLE TESTING

Aurora, CO

TEST CELL SOLUTIONS, SOFTWARE AND VARIABLE HORSEPOWER ENGINE AND VEHICLE TESTING

Columbus, IN

FUEL & COMPONENT SYSTEMS TESTING

Lapeer, MI

MILEAGE ACCUMULATION CENTER

Jackson, MI

ROCKY MOUNTAIN HIGH ALTITUDE TEST CENTER

Empire, CO

CATALYST AGING & COMPONENT TESTING SERVICES

Taylor, MI

COMPONENT TESTING & ENGINEERING SERVICES

Troy, MI



WHEN YOU NEED TO BE SURE