

SGS COMPONENT LATERAL SLOSH TESTING

Offering more than 1500 different testing services to clients in automotive, marine, small engine, agriculture, and portable fuel container markets, our lab in Lapeer, MI is equipped to help you with your testing needs. From simple tensile measurements to complex engineering evaluations requiring simultaneous measurement and control of vibration, temperature, flow, and altitude, we deliver quality results, unparalleled service, and fast turnaround times.

Just north of suburban Detroit, our ISO 17025 accredited facilities include more than 40,000 square feet of lab space. We assist clients with certification compliance testing and submission as well as develop and perform custom tests for individual companies and industry groups.



DURABILITY & NOISE SYSTEMS

SLOSH NOISE TESTING FOR FUEL TANKS

- Third octave, octave and narrow band analysis plus four digital video signals
- Noise floor of 28 dB(A) in semi-anechoic termination cell
- Acceleration/deceleration rates up to 4.9 m/s²
- Payloads up to 200kg

SLOSH DURABILITY TESTING

- Fuel pump module durability
- Multiple OEM protocols available
- Cold slosh cycle for DEF components

MEASUREMENT PARAMETERS

- Temperature
- Pressure
- Flow
- Resistance

APPLICATIONS

- Fuel tank pump/module durability
- Fuel tank baffle system durability
- DEF tank freeze and thaw durability

CONTACT US

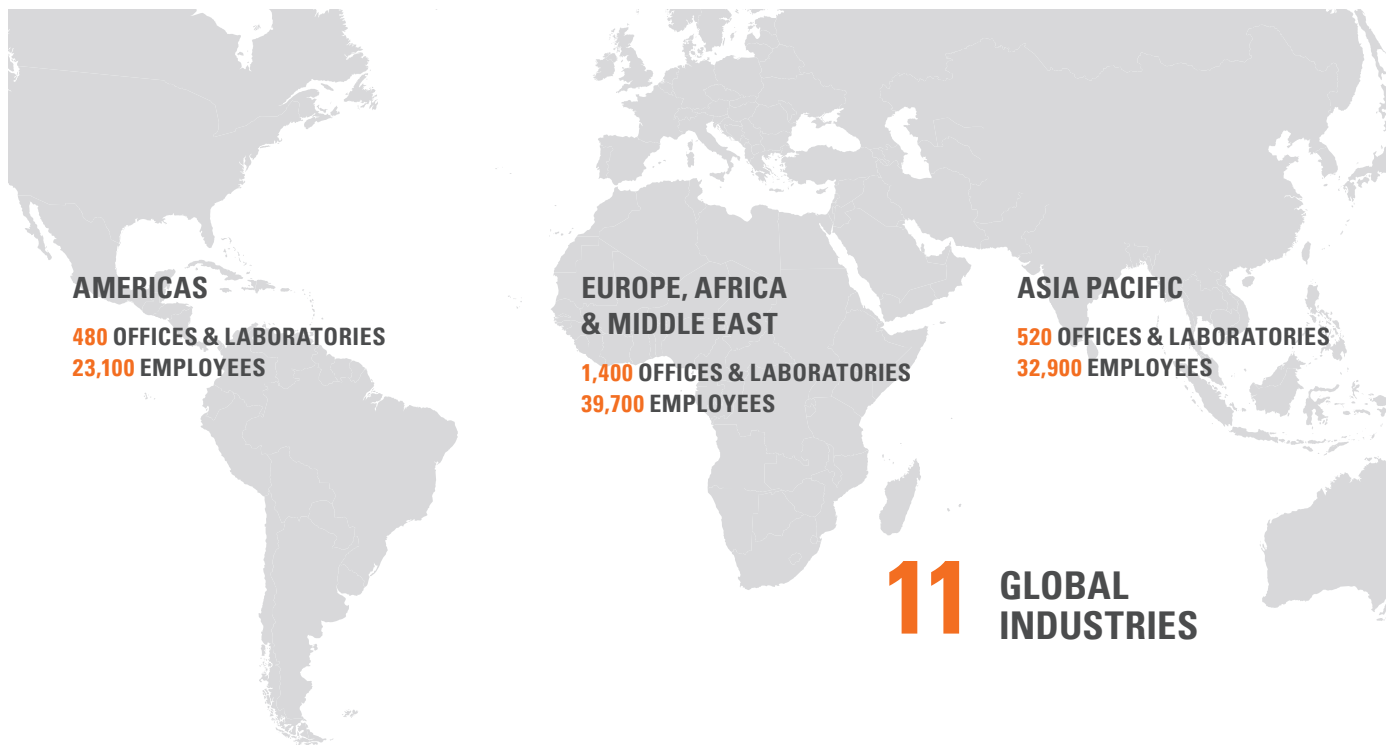
To request a quote or discuss your testing needs in detail, please call +01 844 730 4175 or email us.transportation@sgs.com.



SGS

SGS GLOBAL & LOCAL

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



GLOBAL SERVICE LOCAL EXPERTISE

SGS TRANSPORTATION

- Automotive
- Aerospace & Defense
- Military
- Marine
- Off-road
- Non-road
- Small Engine
- Power Sports
- Agriculture
- Portable Fuel Containers
- Industry Groups
- Government & Regulatory Agencies

CONTACT US

VARIABLE ALTITUDE ENGINE & VEHICLE TESTING
Aurora, CO

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

ROCKY MOUNTAIN HIGH ALTITUDE TEST CENTER
Empire, CO

MILEAGE ACCUMULATION CENTER
Jackson, MI

FUEL & COMPONENT SYSTEMS TESTING
Lapeer, MI

CATALYST AGING & COMPONENT TESTING SERVICES
Taylor, MI

COMPONENT TESTING & ENGINEERING SERVICES
Troy, MI

WHEN YOU NEED TO BE SURE

SGS