

# SGS TESTING EQUIPMENT & SYSTEMS

We believe in using technology, experience, creativity, and a global supplier network to help our clients define and solve their most troublesome testing equipment problems. Backed by the world's leading certification, inspection, testing and verification company, our Columbus, IN team is focused exclusively on testing. We are test cell experts who design, equip and operate test cells, and our team has executed thousands of testing technology, systems and equipment projects.



## 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](mailto:us.transportation@sgs.com).



## SERVICES OFFERED

- Analysis and solutions for complex problems
- Evaluation and modification of existing systems
- Analysis and selection of commercially available options
- Mechanical engineering and design of equipment
- Fabrication of custom equipment
- On-site troubleshooting and repair
- On-site commissioning
- Controls engineering
- In-house testing for proof of concept
- In-house testing of equipment functionality
- Project management to control scope, schedule and budget

## FLUID SYSTEMS

- Fuel measurement and conditioning
- Gaseous and liquid fuel blending
- Jacket water conditioning
- Intercooler and charged air systems
- Thermal cycling

## MECHANICAL SYSTEMS

- Bedplates and testbeds
- Dynamometers
- Driveline and guarding
- Engine carts and docking systems
- Transfer mechanisms
- Test article connections
- Component test stands
- Complete containerized test cells

## TOOLS

- AutoCAD
- Creo
- Cyflex control software

# SGS UNIQUE TESTING SOLUTIONS

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.

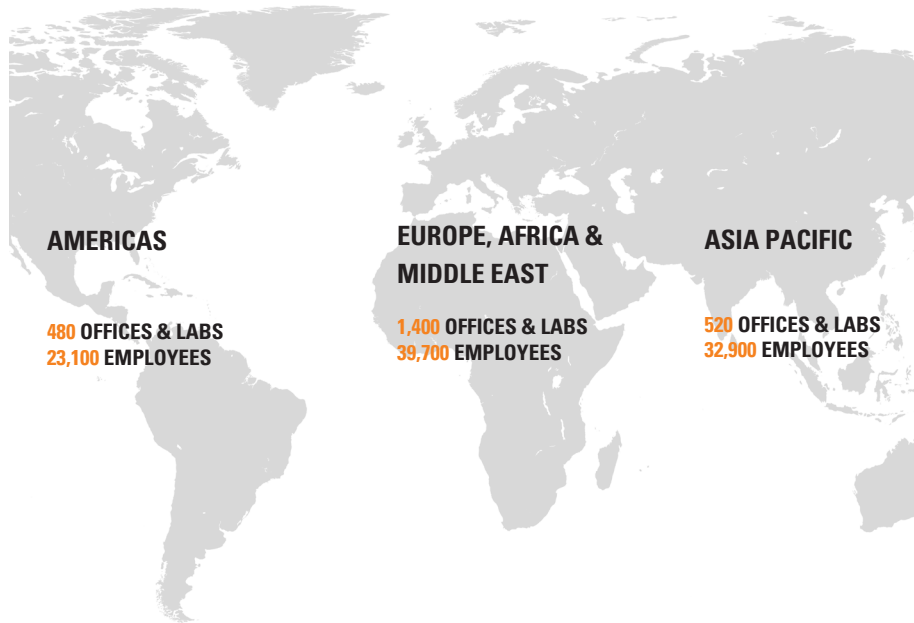


## UNIQUE OFFERINGS

- Our facilities include two large format variable temperature chambers, dynamometer test cells and a specialized DEF system validation test bed
- We offer an array of testing services from cold start testing, thermal performance profiling and cold mechanical development to current product troubleshooting, cold procedure verification and engine testing for emissions, performance, durability and aging
- Our highly skilled and experienced staff can help with anything from instrumentation, installation and setup, and test operations to maintenance and analysis
- We offer turnkey test cell and facility design/build program management, test equipment and test automation systems

# 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