

# SGS EVAPORATIVE EMISSIONS 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.



## SHED & WEIGHT LOSS METHODS

### SEALED HOUSING EVAPORATIVE DETERMINATION (SHED)

- Four (4) mini SHEDs
- Twelve (12) micro SHEDs
- Standard EPA and CARB protocols as well as customizable diurnals and isothermals
- Identify HC 'hot spots' with TSG Multi-Point® analysis
- Innova analyzer for alcohol measurement

### GRAVIMETRIC EVAPORATIVE EMISSIONS MEASUREMENT (WEIGHT LOSS)

- SAE J1737, J1527 and J30
- Up to 54,000 grams with 0.1 grams resolution
- Low end resolution on lighter samples to 0.001 grams
- Environmentally controlled scale room
- CARB and EPA certification compliance service
- Fuel recirculation testing at elevated temperatures



### APPLICATIONS

- Automotive fuel storage and delivery systems
- Small Off-road Engine (SORE) systems
- Portable fuel container systems
- Marine systems

## 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).



# SGS GLOBAL & LOCAL

90,000 EMPLOYEES | 2,000 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