



Your **TESTING RESOURCE PARTNER**
for transportation science, systems & components



ENGINE

- Engine Testing
- Specialized Test Cells
(altitude, sea level, simulated and dyno testing)
- Patented Technology



HIGH ALTITUDE

- High Altitude Testing
- Simulated Altitude Testing
- Extreme Environmental Temperature Testing



EMISSIONS

- Emissions Certification
- Exhaust & Evaporative Emissions
- Portable Emissions (PEMS)



PERFORMANCE

- Engines Large or Small
(heavy duty, vehicle, marine, aircraft, motorcycle, EV & HEV, ATV, gensets, etc.)
- In Use Verification Program

COLD TESTING FROM TRP

TRP PROVIDES CONVENIENTLY BAD WEATHER ALL YEAR LONG FOR YOUR TESTING NEEDS

Rapid product development cycles depend on plannable work. Waiting for the weather to diagnose or validate a product feature adds months of schedule and uncertainty to development programs, and working in weather can be inconvenient and dangerous. The TRP Cold Testing Facilities offer a controlled environment that removes technical, cost, and measurement uncertainty from your development program.

TRP provides cold testing services for a wide variety of vehicles, engines and components, from multiple passenger cars and small components to heavy-duty commercial trucks, engines and generator sets. We can conduct testing at sea level, high altitude or anywhere in between.

TESTING SERVICES

- High altitude testing
- Emissions testing
- Cold start for engines and vehicles
- Cold performance
- Thermal performance profiling
- Cold mechanical development
- Thermal modeling verification
- Current product troubleshooting
- Cold procedure verification
- Thermal protection, enhancement testing
- Durability testing
- Winterization procedure verification

YOU'LL BENEFIT FROM

- Faster time to market
- Quantifiable, repeatable test conditions
- Data quality measurement is built-in
- Controlled test sequencing
- Reduce travel time and costs, TRP offers various location near major urban areas
- Use the test facility as a staging area to support test campaigns
- Your confidentiality is supported via individually keyed bays with private office, hard line, wireless Internet and restroom



ACCREDITATIONS

(844) 730-4175

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COLD TESTING FROM TRP

ASSESS YOUR PERFORMANCE UNDER THE CHILL OF EXTREME TEMPERATURES



AURORA, COLORADO | 2022 HELENA ST. 80011 | T: (303) 344-5470

- 37' L x 30' W bays
- 12' W by 12' H door
- 5,400' elevation
- Ambient temperatures to -20 °C
- Vehicle exhaust ventilation
- Secure and private workspace
- Altitude simulation from sea level to 12,000'+
- 2 Thermal Enclosures in Aurora (53' Trailers) -28C to 26C
- Under same roof as our TRP high altitude emissions testing lab

EMPIRE, COLORADO | 11961 U.S. 40, 80438 | T: (303) 344-5470

- 50' L by 20' W bays
- 12' W by 14' H doors
- 8,900' elevation
- Ambient temperatures to -30 °C
- Vehicle exhaust ventilation
- 700' off-highway drive-away
- Ability to set and monitor bay temperatures remotely
- Secure and private workspace

COLUMBUS, INDIANA | 635 S MAPLETON ST. 47201 | T: (812) 378-5903

- 55' L x 22' W x 28' H bays
- 20' W x 18' H doors
- Temperatures range from -37 °C to 49 °C
- 5 ton overhead crane in every cell
- 4MW load bank
- Raw emissions measurements
- Test cell control and DAQ via Cyflex
- Secure and private workspace

WHY US?

At TRP, we provide comprehensive testing services to ensure your products meet the highest safety, reliability, and compliance standards. With decades of experience, we are a trusted partner for automotive manufacturers, OEMs, and aftermarket producers.

UNMATCHED EXPERTISE

Backed by years of industry experience, our team of seasoned professionals excel as skilled testing specialists.

HIGH PRECISION LABORATORIES

ISO accredited labs feature innovative technologies, specialized facilities and advanced testing equipment.

EXTENSIVE TESTING SOLUTIONS

Diverse testing capabilities, from large commercial vehicles to small parts and their components.

CUSTOMER FOCUSED

A customer centric approach with tailored solutions to meet your specific project needs.

TRUST AND RELIABILITY

A proven track record of reliability, delivering quality results with quick turnaround times.

AURORA, CO

- High Altitude Laboratory
- Vehicle & Engine Testing
- Emissions Cert Testing
- PEMS Testing Services
- Mileage Accumulation
- Sub-Zero Cold Testing
- In-use Verification Program
- EV & HEV Testing



EMPIRE, CO

- High Altitude Test Center
- Elevation 8,900 ft
- On-road Development
- Sub-Zero Cold Testing
- 700 ft Drive-away
- On-Site Refueling
- EV & HEV Charging



COLUMBUS, IN

- Sea Level Laboratory
- Vehicle & Engine Testing
- Emissions Cert Testing
- Sub-Zero Cold Testing
- Mileage Accumulation
- Motorcycle/ATV/UTV
- In-use Verification Program
- EV & HEV Testing



LAPEER, MI

- Fuel Storage & Systems
- Component Testing
- Environmental & Durability
- Evaporative Emission
- Fill & Refueling Testing
- Lateral Slosh Testing
- Fire Resistance Testing



TAYLOR, MI

- Catalyst Aging
- Equipment Design & Production (NG1/NG2, Next Gen Burners)
- Fabrication & Machining
- Thermal Component Testing



TROY, MI

- Chassis & Suspension
- Shock Absorber Testing
- Component Testing
- Fatigue & Cyclic Testing
- Vibration Testing
- Thermal Test Conditions
- Exhaust Systems Testing

