

ON-ROAD EMISSIONS TESTING & FLEET TRIALS

INTERTEK TRANSPORTATION TECHNOLOGIES

Our drivers are all highly trained emissions test specialists and understand the requirements of the test procedures and real-world driving conditions thus ensuring that repeatable and consistent results are a hallmark of our test service.



Our unrivalled expertise

Intertek is an industry leader with more than 42,000 employees in 1,000 locations in over 100 countries. We deliver Total Quality Assurance expertise 24 hours a day, 7 days a week with our industry-winning processes and customer-centric culture. Whether your business is local or global, we can help to ensure that your products meet quality, health, environmental, safety, and social accountability standards for virtually any market around the world. We hold extensive global accreditations, recognitions, and agreements, and our knowledge of and expertise in overcoming regulatory, market, and supply chain hurdles is unrivalled.

Intertek Transportation Technologies based in Milton Keynes, has more than 20 years' emissions testing experience in engine and chassis dynamometer-based testing. Using this wealth of experience, Intertek can now conduct full on-road emissions testing to the latest European Type Approval legislation using its state of the art PEMS (Portable Emissions Measurement System) equipment as well as offering full management of vehicle fleet trials, both on the public highways or managing test track programmes.

Intertek has expanded its already impressive driveline and powertrain testing portfolio further to include on-road emissions testing

and fleet trial management capabilities using the latest generation PEMS equipment and other proprietary vehicle monitoring and tracking equipment. This equipment can be fitted onto any size of vehicle, from the smallest passenger car or sports car, right up to the largest trucks and buses.

Using test routes that are both derived from and compliant too, the latest European Type Approval Legislation, Intertek can offer a variety of test routes for use on the public highways including high altitude and high speed testing via its sister laboratory in Germany. Intertek can also advise on route profiling or run to customer derived tests therefore offering a very comprehensive test suite. Many of Intertek's RDE test routes are fully accredited by the Vehicle Certification Agency (VCA) and can be used for compliant RDE type approval testing of vehicles to the requirements of (EU) 692/2008 as amended by 2016/646 and our PEMS testing services is fully covered by our ISO9001 accreditation.

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Intertek can help with the full fleet trial process from programme definition,

vehicle sourcing and placement, mileage accumulation management and reporting as well as offering discrete or overt data logging of the vehicle fleet.

Intertek specialises in offering fully managed on-road fleet trials giving a low cost and high-quality service for light duty, heavy duty or off-highway vehicles including post-test teardown and component rating with comprehensive reporting and post test vehicle disposal.

All vehicle preparation and instrumentation can be conducted from Intertek's 24/7 workshop facilities. On-road driving is conducted on VCA accredited test routes that start and finish conveniently close to our Milton Keynes test laboratory.

FOR MORE INFORMATION

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Intertek's PEMS equipment can be mounted internally or externally on any size of vehicle

A broad portfolio of services

To accompany this comprehensive experience of powertrain and driveline test and development, Intertek also offers a range of additional instrumentation and datalogging services to ensure that the most comprehensive range of testing can be conducted on the test vehicle.

Using Intertek's network of 1,000 laboratories in more than 100 countries across the globe, Intertek is an important partner for vehicle fleet trial management and support and Intertek have successfully managed fleet trials in the UK, mainland Europe, China, South America and across Asia.

Intertek's engineers can assist with programme definition and trial content as well as fleet procurement or vehicle placement with a wide range of operators on either the public highway, over our highly repeatable on-road emissions test routes or test track.

All vehicle parameters can be datalogged either overtly or covertly and this data, along with all vehicle mileage can be presented on a 'live' basis or polled to web based servers for remote access by our clients.

All mileage accumulation and data logging is analysed and managed by Intertek's highly-skilled engineers and reported via face-to-face meetings at client's sites or via web-based resources.

Intertek has a wide range of vehicle fleet operators or trial management facilities at our disposal including both light duty and heavy-duty vehicles as well as off-highway applications. This range of operators allows Intertek to offer a highly cost-effective fleet trial solution with the benefit of offering

real-world driving conditions, managed in a laboratory standard environment.

Once vehicles have completed trials, Intertek offers a full vehicle or component level teardown and analysis service with the ability to present data at Intertek sites or at client facilities. Post-testing, all vehicle components (including engines and transmissions) can be stripped for independent rating within our engine test laboratory and vehicles can be de-fleeted and disposed of via Intertek.

Intertek is also able to offer access to its world class fuel and oil analysis and component forensic laboratories to compliment the mileage accumulation process and Intertek specialises in managing combined trials where component durability and longevity can be managed in parallel trials on unique vehicles.

As with all of our laboratory and test expertise, our fleet trial management service is fully accredited to ISO 9001 and our services are available 24/7.

Key features

- Optimized & complete solution for RDE testing
- Compliant to latest European Type Approval legislation
- VCA Accredited RDE testing service
- Highly accurate emissions measurements
- Engine and vehicle sub-system development and optimization
- Catalyst and particulate trap testing
- Light Duty, or Off-Highway vehicles
- Vehicle sourcing and placement
- External or on-board mounting and with and w/o exhaust flow meter

- Full video and GPS correlation to test route
- Skilled and trained test drivers
- Low cost - High value add service
- Data logging and data capture
- Fully managed mileage accumulation
- Independent and no-bias service
- Reporting and data presentation
- Post test teardowns & vehicle disposal
- UK or global management (USA / China or ROW)

To find an office or laboratory in a particular country, please visit [intertek.com/contact](https://www.intertek.com/contact)



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