



Real Driving Emissions Service

The combination of our experience and know-how allows us to offer complete integrated services complying with the latest requirements of the RDE regulation. This ensures that our clients have the required technical support in this new challenge to the automotive industry.

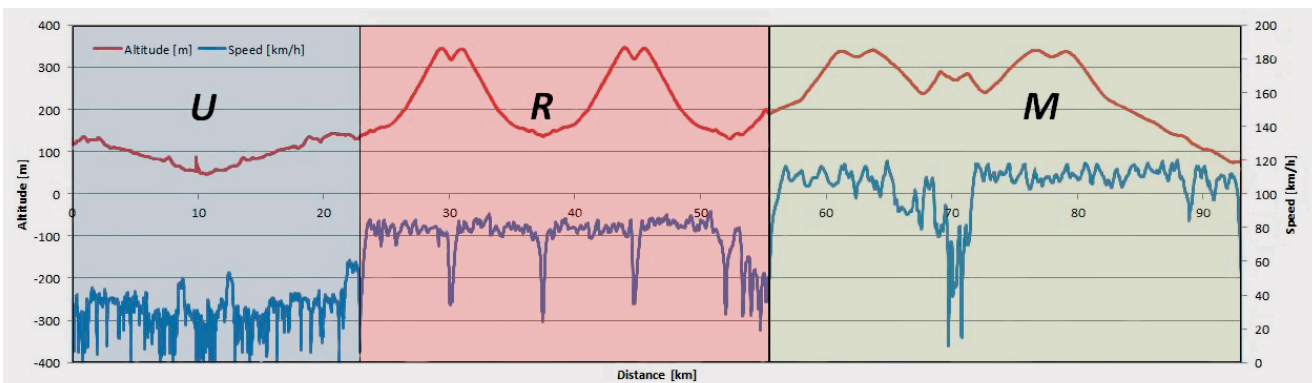
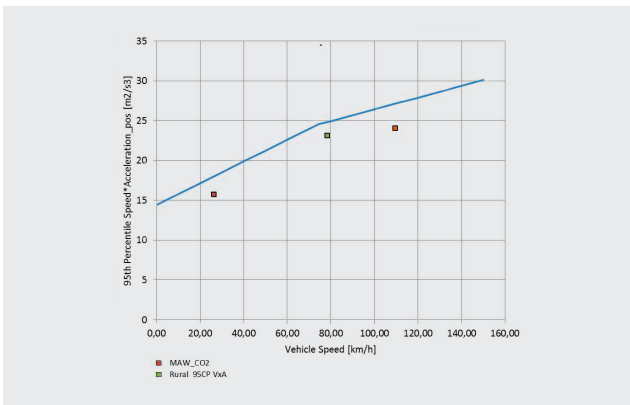
TYPES OF SERVICE

- RDE testing for R&D, certification, ISC (In-Service Conformity), ISV (In-service Verification) and benchmarking
- Customized testing: routes definition, driving behaviour (internal tool for real-time validation), vehicle variants, noise factors
- Front-loading development approach: driving simulation on chassis dyno, climatic chamber, and engine test bench.
- Routes definition and validation worldwide
- Powertrain calibration for RDE:
 - Real road data collection
 - Combustion and emissions analysis
 - Drivability assessment
 - RDE calibration on engine/chassis dyno
- Support RDE development with resident engineering team

BENEFITS AT A GLANCE

We have more than 15 years' experience in the field, with over 500 RDE tests performed since first official RDE regulations were introduced. We offer:

- PEMS testing for light-duty and heavy-duty vehicles
- Validated routes in moderate and extended altitude and ambient temperature conditions including highway sections
- Validated routes available worldwide
- Complementary services in single location for full project execution (WLTP running resistance test, WLTP emissions test, PEMS-CVS validation tests)
- Study of worst-case scenarios and noise factors
- Development of customized routes according to specific requirements
- RDE calibration development including simulation of RDE on proving ground, chassis dyno, climatic chamber, and engine bench
- Integrated and validated facilities for RDE testing support and quality assurance



TECHNICAL INFORMATION

- Different sets of PEMS equipment fully compliant with latest RDE regulations including particulate counter and modules for THC and CH4 measurement available
- Horiba OBS-ONE (On-Board Emissions Measurement System)
- Horiba OBS-ONE PN
- Horiba OBS-ONE THC and CH4 modules
- PEMS quality checks on vehicle chassis dyno fully compliant with Euro 6 regulation
- Portfolio of validated routes in either moderate or extended altitude and temperature conditions
- State-of-the-art facilities to emulate RDE testing on proving ground, chassis dynamometer and engine bench

CONTACT INFORMATION

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