

Delphi Customer Technical Centre Luxembourg Altitude and Emissions Wind Tunnel

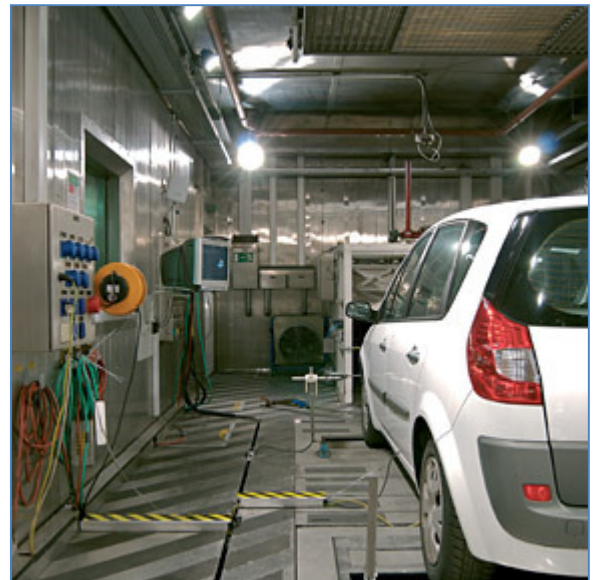
The Altitude and Wind Tunnel at the Delphi Customer Technology Centre Luxembourg provides the following services:

- Real world climatic conditions simulation
- Engine calibration
- Diesel and gasoline emission measurement to Euro 6 level
- Cold and hot startability
- Hill climb simulation
- Component thermal management studies
- Engine cooling

Services at the Delphi Customer Technical Centre Luxembourg Altitude and Emissions Wind Tunnel are performed by a highly trained and experienced staff that understands the challenges facing manufacturers today. The services are conducted according to industry standards, and are designed to meet individual customer schedules and enable competitive costs.

► Operational Parameters

- Temperature: -30 °C to 50 °C (± 0.5 °C)
- Humidity: 10% to 70% (± 0.5 °C wet bulb)
- Wind speed:
 - 160 km/h (1.4 m² nozzle)
 - 120 km/h (2.3 m² nozzle)
- Altitude: 0 m (sea level) to 1500 m
- 4 WD dynamometer: 110 kW front and 147 kW rear
- 4 WD dynamometer controller upgraded for hybrid vehicles
- Max. dynamometer speed: 200 km/h
- Solar: moveable Infra Red
- Environmental soak
- Euro 6 level emissions equipment:
 - Data acquisition HORIBA CDTCS
 - Modal measurement (ENG TP): HORIBA 7500 Series
 - Multiple venturi CVS-7400S
 - 12 bags measurement: HORIBA 7200H
 - Particulates real time measurement: HORIBA 1230-PM
 - 2 dilution tunnels, gasoline and diesel
 - Particulates measurement unit: PMU-7000



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Modal Measurement (ENG TP): HORIBA 7500 Series

▶ The Delphi Advantage

Delphi's Customer Technical Centre Luxembourg is conveniently located near European customers in the design, development, testing and validation of their products. It is certified to ISO/TS 16949 Standard for Supplier Quality Management Systems. It is part of Delphi's network of state-of-the-art technical centers around the world.

Delphi is a leading global supplier of a broad range of technologies with manufacturing facilities located in more than 30 countries. Delphi's products are engineered to meet the rigorous standards of the automotive industry, but Delphi technologies are also used in many other industries. We leverage a rich heritage and extensive technical knowledge to offer customers an array of innovative, cost competitive solutions.

▶ Contact Information

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