

Delphi Customer Technology Centre Luxembourg Engine Durability Laboratory

The Engine Durability Laboratory at the Delphi Customer Technology Centre Luxembourg provides the following services:

- Engine component durability testing
- Exhaust aftertreatment systems testing

Services at the Delphi Customer Technology Centre Luxembourg 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

- One motoring dynamometer (200 kW)
- Two Eddy-current dynamometers (220 kW)
- AVL Puma open test bed automation system
- Combustion air conditioning system (AVL ACS 800)
- Continuous measurement system for temperature, pressure, speed and torque
- Exhaust gas analyzers:
 - HORIBA MEXA-series
 - AVL CEB
 - Combustion Fast FID
 - Smoke meter AVL 415s
 - Opacimeter AVL 438
- Implementation of any customer-defined test cycle
- Continuous operation (24/7) with permanent automatic fault detection and test stop
- Quick engine change system to optimize test cell utilization

▶ The Delphi Advantage

Delphi's Customer Technology 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.



Engine Dynamometer Control Room at Delphi Customer Technology Centre Luxembourg



Engine Dyno Cell

▶ Contact Information

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