

In-Service Verification (ISV) for Heavy-Duty Vehicles

ISV testing for heavy-duty vehicles under real operating conditions

For manufacturers of heavy-duty vehicles in categories N2 and N3, responsibility for emission values does not end with type approval. CO₂ emissions and fuel consumption must correspond to the values determined during the approval process under real operating conditions. Therefore, Regulation (EU) 2017/2400 and Regulation (EU) 2025/35 require manufacturers to conduct In-Service Verification (ISV). This process verifies that vehicles meet regulatory requirements during real-world operation. At the DEKRA Automotive Test Center, we support manufacturers by conducting comprehensive testing of key ISV components and providing transparent and reliable results.

Why choose DEKRA?

- ▶ **Extensive experience:** Our experts have broad expertise in emissions and powertrain testing for heavy-duty vehicles.
- ▶ **State-of-the-art testing environment:** The DEKRA Automotive Test Center offers specialized test tracks, precise measurement technology, and dedicated testing facilities for realistic and regulatory-compliant ISV testing.
- ▶ **Regulatory expertise:** Our specialists are familiar with the requirements of Regulation (EU) 2017/2400 and Regulation (EU) 2025/35 and support manufacturers and authorities in implementing ISV test procedures reliably.
- ▶ **Holistic approach:** From Verification Test Procedure and Air Drag measurements/Constant Speed Tests to Tire Rolling Resistance Coefficient testing, we cover all relevant ISV testing activities.
- ▶ **End-to-end vehicle handling:** Vehicle sourcing and procurement in line with project requirements, including coordinated, test-ready delivery to the test site in Klettwitz, as well as complete reverse logistics with vehicle collection, return transport, and proper handover after test completion.
- ▶ **Global network:** As an internationally recognized and accredited technical service provider, DEKRA provides transparent and reliable test results.

Scope of services:

Our In-Service Verification (ISV) testing services for heavy-duty vehicles are based on Regulation (EU) 2017/2400. At the DEKRA Automotive Test Center, we perform thorough testing of essential ISV components. This includes the Verification Test Procedure (VTP), Air Drag measurements/Constant Speed Tests (CST), Tire Rolling Resistance Coefficient testing (RRC), testing of Artificial Strategies, and vehicle weight checks. We deliver reliable data for regulatory compliance and transparent emissions evaluation using advanced measurement technology, dedicated testing infrastructure, and in-depth expertise.

DEKRA Automobil GmbH
Senftenberger Str. 30
01998 Klettwitz
Telefon +49.35754.73445.00
dtk-sales@dekra.com

[dekra.de](https://www.dekra.de)

More information:
[dekra.de/exhaust-emissions](https://www.dekra.de/exhaust-emissions)

