



Czech

Add value.
Inspire trust.

Vehicle Testing

Long-term and service life tests

Road tests

Static tests

Noise

Parts and accessories

Glazing and other tests

TÜV SÜD

is a world-renowned company in the areas of consulting, testing, inspection, certification, type approval, and training in all sectors of industry and services.

As an independent approval and testing organization we have been active in the automotive industry for more than a hundred years. Using our experience, we bring top-level innovative solutions.

As your end-to-end partner, we will assist you through the entire process of new product development: from initial design analysis through testing and assessment of the fulfilment of legal requirements to product approval and launch. TÜV SÜD laboratories are accredited according to ISO/IEC 17025 and are recognized by respective type testing authorities as authorized technical test laboratories.

Services

We perform

- Development, approval and comparison tests
- Testing of all categories of road vehicles and other machinery / equipment
- Tests according to national and global regulations/ standards
- Tests according to requirements of consumer organisations
- Tests according to customer requirements

We provide

- Consultancy, analyses and opinions
- Research and development activities to address specific projects
- Development of test methods and methodologies
- Development of special measurement



Long-term and Service Life Tests

- Comparison and functional testing of vehicles and their parts

We test

- Service life of vehicles and components
- Wear of tyres
- Acoustic side-effects of brake systems

Road Tests

- Road tests of vehicles, brakes and tyres
- Objective and subjective evaluation of vehicle manoeuvrability
- Objective and subjective evaluation of ride comfort
- Analyses of tests

We test

- Vehicle manoeuvrability and mechanical ride comfort
- Chassis kinematics and elastokinematics
- Driving and manoeuvrability
- Vehicle suspension and vibrations
- Brakes and brake systems
- Assistance and stability systems for vehicles
- Driveability, comfort and tyre service life

Static Tests

- Static measuring of vehicles

We test

- Measurement of centre of gravity and moment of inertia
- Driver's field of vision and exterior protrusions
- Arrangement of controls and ergonomics

Noise

- Measurement of noise emitted by vehicles and/or measurement of noise inside the vehicle
- Measurement of noise of machinery and equipment
- Analysis of noise of machinery and their components
- Optimization of machinery and vehicles in terms of noise

Parts and Accessories

- Shape and dimensional accuracy, operational tests
- Resistance to extreme weather conditions
- Chemical resistance, fire risk prevention
- Durability tests

Glazing

- Optical and mechanical properties
- Resistance to extreme weather conditions, de-icing
- Fixing materials and mechanisms
- Tests on associated components (e.g. adjusting outdoor mirrors)

We also test

- Audio, video and communication systems
- Anti-theft and alarm systems
- Seat covers, floor mats and upholstery
- Indoor and outdoor accessories
- Wheels, safety glasses
- Towbars, towing ropes and rods
- Snow chains

Other Tests

- Maximum speed, acceleration, fuel consumption
- LPG and CNG vehicles and their components.
- Electric vehicles
- Tests on vehicles for transport of dangerous goods (ADR)

Your Business Benefits

- One-stop-shop for technical solutions (from testing, certification and technical processing to type approval)
- Tailor-made services driven by customer satisfaction
- Technical expertise, quality and safety
- Worldwide support through a network of specialized centers
- The advantage of costs in Central and Eastern Europe