



Add value.
Inspire trust.

EU/ECE type approval

Enter the European market with your compliant automotive products

Your challenges

Europe is one of the world's top automotive markets. However, exporting to it can be a daunting prospect for distributors and manufacturers that are unfamiliar with the homologation process and the related EU/ECE regulations.

Obtaining the type approval for both whole vehicles and automotive components can be a complex process, as it involves a detailed assessment of the product's performance and a thorough appraisal of the testing facility. Manufacturers are also required to prepare and submit comprehensive documents for the type approval, including technical specifications of the product to be certified.

Why is EU/ECE type approval important for your business?

To enter the European market, component manufacturers and OEMs must ensure that their products comply with the relevant EU/ECE regulations. The EU/ECE type approval is a mandatory requirement for whole vehicles,

as well as for a range of automotive systems and components, such as coupling devices, lamps or tyres.

How can we help you?

TÜV SÜD offers overall homologation testing services for the various vehicle categories defined in the EU. This includes passenger cars, trucks, buses, motorcycles and vehicles that are derived from motorcycles, trailers and agricultural and forestry vehicles, as well as vehicle components and systems. With our global network of testing laboratories and homologation experts, we support you in achieving conformity with the following EU framework regulations:

- Directive 2007/46/EC
- Regulation (EU) 167/2013
- Regulation (EU) 168/2013

For self-propelled working machinery that is not covered by these vehicle categories, we are appointed by the German government for national type approval testing. Additionally we are appointed by the German type

approval authority “Kraftfahrt-Bundesamt (KBA)” to carry out conformity of production (CoP) clearance testing and inspection. Particularly for manufacturers outside of the EU, this will reduce costs of homologation.

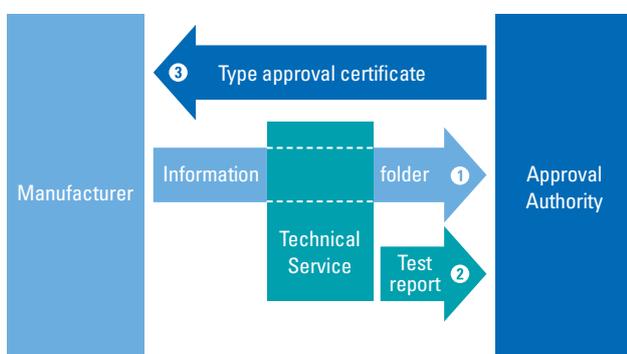
Our EU/ECE type approval services

Our EU/ECE certification services support manufacturers throughout the entire homologation process, including:

- Quoting of homologation projects
- Advising of the most appropriate testing approval route (in case of several options)
- Selecting test specimens
- Preparing the required documentation (Information folder)
- Advising on legislation changes and/or required approval updates

- **Minimise risk** – in successfully achieving the EU/ECE type approval to access the European market and avoid loss of sales revenue.
- **Benefit from an expert partnership** – with in-depth understanding of the latest changes and updates to the various guidelines and regulations, helping you to meet certification requirements quickly.
- **Enjoy global support** – by working together with our multidisciplinary global team of experts, who can assess your products against the technical requirements of multiple global regions in a single, streamlined process.

THE EU REGULATED TYPE APPROVAL PROCESS



The EU/ECE type approval can be complex, so our technical service team supports you at every step, to ensure that nothing is missed. Once all technical documentation and the test report, as a result of the conducted performance assessment, is completed and conformity of production clearance has been granted, applicants will be issued with a type approval certificate. Manufacturers are then able to affix the type approval mark to their compliant components, and issue certificates of conformity (CoC) for vehicles using them.

To minimise time and optimise investment, TÜV SÜD also provides multi regulation management services, which identify the overlaps and evolving requirements of different regulations so that you can achieve multiple certifications within a single project.

Your business benefits

- **Save time and money** – as we support you through the entire homologation process to ensure a smooth preparation for achieving your type approval.

Why choose TÜV SÜD?

TÜV SÜD is renowned globally as an independent third-party solutions provider with more than a century of automotive industry experience. Our global experts are highly qualified in providing homologation services for various country regulations and offer extensive knowledge. We are present in many national and international regulatory committees, also those relating to new technologies such as e-mobility or highly automated driving. Consequently, we are often aware of changes before a new regulation is officially published. With our global accreditations, we can help you to speed up your automotive industry testing, inspection and certification needs by delivering multiple global services simultaneously.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Through more than 24,000 employees across over 1,000 locations, the company adds value to customers and partners by enabling market access and managing risks. By anticipating technological developments and facilitating change, TÜV SÜD inspires trust in a physical and digital world to create a safer and more sustainable future.

Related services

TÜV SÜD provides the following related services:

- Multi regulation management
- International homologation
- INMETRO certification
- CCC certification
- VSTD certification