



E-Mark:

Vehicle and Part Type Approval

The Entry Pass to Global Market for Automotive Manufacturers

E-mark : Vehicle and Part Type Approval

TÜV Rheinland group is an international leader in the provision of safety compliance services for mobility sector. According to EC Directives and ECE Regulations, automobiles, motorcycles, vehicle parts such as tires, lamps, windshield, rearview mirror, brake pads etc., and vehicle electronic sub-assemblies (ESA) have to obtain an approval as an indication of fulfillment to safety standards and environmental friendliness. E-Mark / e-Mark is the approval mark showing that the products meet the requirements of the corresponding directives or regulations. Only the products with this mark can be exported to and sold in Europe and other regions legally.

Type Testing and Homologation

We offer type tests for the following:

- Tires
- Lamps
- Windshield
- Rearview mirror
- Brake pads
- Fatigue tests for connecting systems
- Built-in engines
- Coach interiors
- Catalytic converters
- Individual approvals for fuel tanks
- Material approval tests
- Measurement of fuel consumption
- Motorcycle helmets
- Proof of long-term durability
- Particle filters
- Sound absorbers
- Flywheel testing for brake pads
- System tests: bursting pressure, P/V tests, ageing tests
- Conversion of fuel systems
- M1 and N1 underride guards
- Others



Homologation Services for your Automotive Systems and Components

Our experts support you through the entire approval process for your automotive systems, independent technical units, parts, and components. Our services include:

- Homologation consulting throughout the entire approval process, from initial assessment to certification according to StVZO, ECE regulations, and EC directives
- Performing all tasks in our technology centers or at your site
- Performing trials and analyzing results in detail
- Helping you understand regulations
- Advising and assisting with the conformity of production process (COP)
- Monitoring approval deadlines for introducing new or modified regulations
- Helping you obtain special approvals under regulations such as StVZO and in accordance with EU regulations for discontinued series

Why TÜV Rheinland?

Our experts assist you efficiently in obtaining these approvals and provide their expertise concerning the homologation “type approval” tests and all relevant administrative matters. This includes information about the interpretation and future development of homologation standards for European and non-European countries e.g. Saudi Arabia, China, Australia, Japan etc.

- With more than 20 years experience in vehicle products approval in Thailand, experienced expertise provide you on-time services.
- Having strong backup at German headquarter, we always have the first-hand update on the development of European vehicles regulation and standards regarding the testing and homologation of vehicle parts.
- International network with TÜV Rheinland’s offices located worldwide to support our clients.



International Approval - Market Access Service

We support you to apply for

- INMETRO
- SASO
- Other countries
- CCC
- Iraq
- SNI
- Malaysia Approval



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