



## We offer testing services for the following products

### Office furniture

- Seating furniture
- Cabinets
- Tables
- Panel systems and blinds
- Ergonomic testing

### Domestic furniture

- Kitchen and sanitary furniture
- Beds, slatted frames
- Mattresses
- Upholstered furniture
- Home furniture (tables, chairs, cabinets)

### Outdoor furniture

- Garden furniture
- Swings, hammocks
- Camping furniture

### Contract furniture

- Furniture for educational institutions
- Hospital furniture
- Heavy-duty shelves
- Hotel and restaurant furniture

### Furniture components

- Furniture parts, hardware and fittings
- Furniture surfaces
- Hinges, drawer slides, etc.
- Door and furniture handles
- Springs
- Glass in furniture

### Children's furniture

- Furniture for children's rooms
- Furniture for educational institutions



## Furniture Testing



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## Furniture testing

Whether at home or at work, people spend most of their time in furnished rooms. These furnishings not only need to meet aesthetic requirements, but should also provide outstanding performance in terms of quality and safety. With the development of a global furniture market, standards of environmental friendliness and technology have become stricter. Furniture testing not only ensures product quality, safety and consumer health, but also raises the level of quality management and competence in the market.



## TÜV Rheinland is your reliable partner

### TÜV Rheinland - A testing house with international competence

We are a leading international institute for the testing and assessment of furniture. Our experts participate in national and international standardisation work, such as ISO, EN, ANSI/BIFMA and DIN. Furthermore our testing experience covers additional national standards such as the French NF, British BS, Japanese JIS, Australian AS and Chinese GB standards, in addition to EU directives and other legislative requirements, where applicable.



### Advanced technology in furniture testing

We offer a variety of services, ranging from certification and safety testing according to recognised standards to TÜV Rheinland's acknowledged "fitness for use" programmes, as well as tailor-made testing programmes to meet your specific requirements. We not only boast mechanical testing services, but also chemical testing, artwork checks, electric component testing and on-site inspections nearly everywhere in the world. Since 2005, when LGA joined the TÜV Rheinland Group, we have also been able to offer you such highly acknowledged services as "LGA-tested" marks.



## Our test marks



## Services

### Tailor-made solutions

As a full-service provider of testing, certification and inspection services, we can offer you the right package for your requirements. Our experts develop tailor-made solutions together with you.

### Inspections

Our inspection service gives you the security of knowing that your products match the desired specifications. We can also inspect your entire supply chain, from the raw material supplier to delivery at your premises.

### Certification

Our certification services allow you to make your quality visible and to demonstrate the compliance of your products. We offer the following certification services, amongst others: LGA-tested and the GS mark (German for "tested safety"). A "Type Approved" or LGA-tested mark is possible for components.

### FSC – Chain of custody

The Forest Stewardship Council (FSC) was established in 1993 as an international, independent, non-profit organisation whose purpose is to ensure sustainable and responsible forest management by means of well-defined standards and certification. The FSC has thus formulated criteria for adequate forest management in forestry companies and outlined the requirements for wood processing and trading companies. Based on the principle of certifying the entire "chain of custody", any company working with wood can gain certification to FSC standards.

The independent certification provided by the TÜV Rheinland Group guarantees that your wooden products come from sustainable forest cultivation, thereby strengthening consumer confidence in those products.

## TÜV Rheinland's testing services cover the following criteria

### Quality and fitness for use

- Ergonomics
- Functionality
- User-friendliness
- Sensor technology
- Surface quality
- Material properties (e.g., textiles, leather, etc.)

### Electrical safety

- Protection against access to live parts
- Abnormal operation behaviour
- Heat and fire resistance

### Ecological and chemical product testing

- Contaminants
- Emissions (VOC, formaldehyde, odours)
- Hygiene
- Microbiology

### Mechanical safety

- Stability
- Structural integrity
- Durability/lifecycle
- Designing for safety
- Operating and safety instructions

### Electro-magnetic compatibility

- Interference emissions
- Interference immunity

### User instructions

- Checking
- Optimising

### User instructions

- During production
- Pre-shipment
- Final random
- Loading supervision