

04/25-F04

Equipment and specialized knowledge

The Entwicklungs- und Prüflabor Holztechnologie GmbH (EPH) has a modern, well equipped testing laboratory at its disposal. The accredited test laboratories of EPH in Dresden and Detmold work on the basis of a quality management system according to DIN EN ISO 17025.

Because of the high-class technical equipment of our test laboratory for furniture as well as of our engineers' comprehensive knowledge we guarantee tests at a high level on almost all kinds of furniture.

According to the device and product safety law our authority of certification will issue the GS mark to your furniture if the following conditions are fulfilled:

Test of building samples

Positive result of the tests of building samples. The result of this test is explained in a detailed laboratory report.

Audit

Confirmation of manufacturer's condition of series production by the authorized certification body.

Certificate

Obtaining permission to perform the certificate issued by the accredited certification body according to EN 17065.

Contact persons

Dipl.-Ing.
Albrecht Lühmann
+49 351 4662 384
albrecht.luehmann@eph-dresden.de



Head of laboratory

Konstantin Stofast
+49 351 4662 481
konstantin.stofast@eph-dresden.de



Head of NIMM-EPH laboratory Detmold

Dipl.-Ing.
Oliver Bumbel
+49 351 4662 387
oliver.bumbel@eph-dresden.de



Head of GS-Certification body

Furniture and Vehicle Seats



Testing of usability
and product safety

Usability and Safety of Furniture

- We support you developing your models from development sample (Prototype) to fully developed product by development accompanying tests. As a result of these tests you will receive a test report and on demand you can also receive reports on special aspects of safety, strength or ergonomics.
- Proof of high quality
Manufacturers and dealers who want their specific claim of quality to be documented, will find authorized specialists with us.

If you have any questions in that respect, please do not hesitate to contact us.

Vehicle Seat Testing

We succeeded in transferring our long-standing experience in the field of furniture testing to the area of vehicle seat testing and have expanded our testing equipment to meet the respective requirements.

We are able to offer to you the following testing services in that field:

- Static testing:
 - taking seat measurements
 - stability of seats and add-on parts
 - lifecycle testing of functional assemblies
 - determining the hardness and lifecycle testing of upholstery
- Physiological testing
 - comfort
 - microclimatic properties
- Chemical testing
 - VOC emission
 - formaldehyde emission

Conformity Testing of Furniture

- We carry out the Proof of agreement for e.g. corpus furniture, seating furniture, tables, office, outdoor, children and laboratory furniture as well as construction units like furniture doors, drawers, mattresses and others according to German (DIN), European (EN) or other national and international testing methods and standards as well as according to the testing conditions of the German Furniture Quality Community (DGM).
- If your products fulfil the agreement the EPH will make out the test certificate which documents the special quality features with our Quality mark.



Functional test of mattresses

Certification of Furnitures

- The proof of Furnitures' safety for the German market is due to the regulations of the German Produktsicherheitsgesetz (Product Safety Act).
- The authority of certification for device safety at EPH is authorized to issue the GS mark to furniture. The Test of type specimen, necessary for this issue, can be carried out in our furniture test laboratories in Dresden and Detmold.
- Active participation of our test engineers in the GS work groups guarantee you being „on the safe side“ with your GS mark issued by us.



Arm rest static load test