Accreditations*

- DAkkS-accredited test laboratory acc. to DIN EN ISO/IEC 17025, no. D-PL-11072-01-00**
- Test Laboratory according to Construction products regulation no. 305/2011 (number 1721)**
- Test Laboratory according to building regulations of land (number: SAC24)**
- GS-mark test laboratory in scope of German law ProdSG
- DIN CERTCO-Test laboratory (Registration number PL 015)**

DBI GEPRÜFT / TESTED

Use our DBI test mark for your products. Do not hesitate to ask us about this topic.

DAkkS Deutsche Akkreditierungsstelle D-PL-11072-01-00

CE 1721

DIN DVGW CERT

ISO 9001 DVGW CERT

0085 DVGW CERT

** Subject to modifications | ** Further informations to our accreditations you can find on our website www.dbi-gruppe.de*

Take advantage of our numerous testing options and our many years of experience!

Contact / Directions

DBI - Gastechnologisches Institut gGmbH Freiberg
DVGW-Test Laboratory Energy
Halsbrücker Strasse 34
D-09599 Freiberg / Germany

Your contact person

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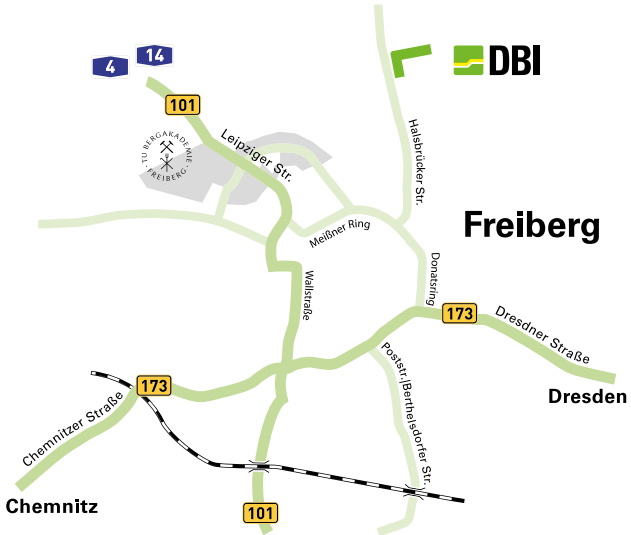
status: march 2019



www.dbi-gruppe.de

TEST LABORATORY FOR COMPONENTS AND DEVICES

Initial type testing
Surveillance
Failure probability tests
Gas specific expertises
Audits
Field test examinations

CE DAkkS Deutsche Akkreditierungsstelle D-PL-11072-01-00 CE 1721 DBI

Testing of components and devices for gas and water supply

Components and devices are an important part of safety and control systems for gas and water supply. The DVGW-Test Laboratory Energy would like to offer high level type testing of your products and in cooperation with DVGW CERT GmbH certification.

- Ball valves acc. to. EN 331, EN 13774 and EN 14141
- Gas shut-off components for manometers acc. to DVGW VP 308
- Plastic fittings acc. to EN 1555 and EN ISO 17778
- Armatures for water piping systems acc. to EN 1074 and EN 12201
- Safety gas connection valves acc to. EN 15069, DIN 30693 and DIN 3586
- Gas pressure regulator acc. to EN 88, EN 334 and EN 16129
- Fire-safe test acc. to EN ISO 10497, API 607 and API 6FA
- House connection combination acc. to DVGW VP 601

Tensile test pipe connector, Fire-Safe test, burst pressure test (l.t.r.)

Testing of hoses / pipelines and their connecting elements

The safety and fitness requirements for piping systems, hose lines and their connectors and installation systems are present at national and European standards. A selection of products and testing standards can be found in the following list.

- Corrugated safety metal hoses for gas acc. to EN 14800
- Corrugated metal hoses acc. to EN ISO 10380, EN 14585-1, EN 16617 and DIN 3384
- Pressure-resistant, flexible hoses for drinking water installations acc. to DVGW W 543
- Pliable corrugated tubing kits acc. to EN 15266 and DVGW G 5616
- composite piping systems acc. to ISO 17484 and DVGW G 5628
- Press fittings acc. to DVGW G 5614
- Connectors for piping systems acc. to EN 911
- Reinforced plastic tubing acc. to DVGW VP 643
- Plastic piping systems acc. to ISO 17778
- Compensators acc. to DIN 30681

Corrosion tests

Durability of coatings and casings are important for lifetime cycle of many products for gas and water supply. We would like to offer our test facilities for examination of performance or support for quality assessment for your corrosion protection.

- Salt spray testing acc. to EN ISO 9227
- Testing of metallic and anorganic coatings acc. to EN ISO 6988

Testing of components for the use of liquid fuels

The requirements for durability and functional testing of Components and equipment parts for oil supply plants are also described in product standards. The DVGW-Test Laboratory Energy offers the type testing of your products according to regulation EU 305/2011 in system 3.

- Components and system components for supply systems for liquid fuels acc. to EN 12514

Product spezific testing:

- Durability of gaskets / sealing / tightness systems
- Load and pressure alternation with variable rates; pressure range: hydraulic to 1500 bar, pneumatic to 630 bar temperature range: -40°C to +1100°C
- Temperature and climate alternation from -40°C to +60°C
- Long-term- / life cycle- / ageing examinations
- Fatigue- / Flexibility- / Bending performance
- Oscillation- / Vibration tests
- Fire- / burning- / high temperature tests to 1100°C

Please send us your costume-made request for cooperation.

Leak test under real gas and on a wall duct (l.t.r.)