

Accreditations*

- DAKS-accredited test laboratory acc. to DIN EN ISO/IEC 17025, Nr. D-PL-11072-01-00**
- Test Laboratory according to Construction products regulations 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)**



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

Contact

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 DVGW Test Laboratory Energy
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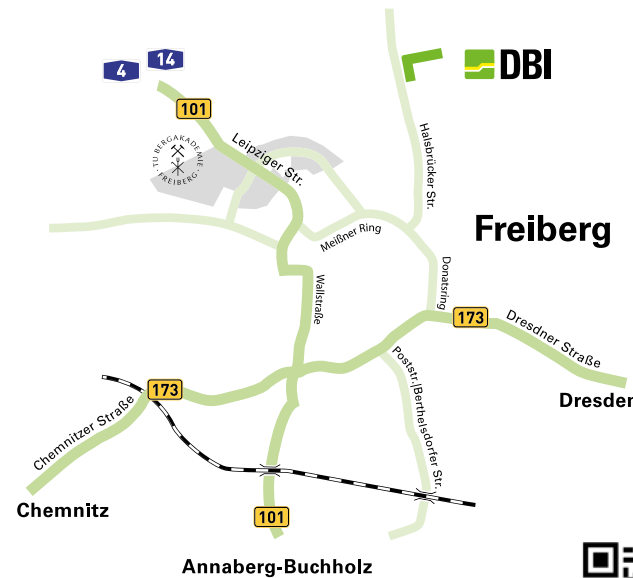
Your contact person



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retrieved march 2017



TEST LABORATORY FOR COMPONENTS AND DEVICES

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

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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
- Valves for gas piping systems acc. to EN 1555
- Armatures for water piping systems acc. to EN 1074 and EN 12201
- Safety gas connection valves acc. to EN 15069
- Gas pressure regulator acc. to EN 334 and EN 16129
- Fire-safe test acc. to EN 10497 and API 607



Fire-safe-test, flexibility test, low temperature test (l. to. r.)

Testing of piping systems, hoses and connectors

The safety and fitness requirements for piping systems, hoses and connectors are present at national and European standards. We would like to offer our test facilities for your use.

- Corrugated safety metal hoses for gas acc. to EN 14800
- Corrugated metal hoses acc. to EN ISO 10380 and DIN 3384
- Hoses for water acc. to DVGW W 543
- Pliable corrugated tubing kits acc. to EN 15266 and DVGW G 5616
- Multilayer pipes for gas acc. to ISO 17484 and DVGW G 5628
- Press fittings acc. to DVGW G 5614
- Connectors for piping systems acc. to EN 911
- Reinforced pastic tubing acc. to DVGW VP 643
- LPG-hoses acc. to DIN 4815-2

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
- Metallic and anorganic coatings acc. to EN ISO 6988

Testing of components for liquid fuel system

Resistance and function of components and devices for oil systems are also described in technical standard. We would like to offer our type testing acc. to EU 305/2011 for system 3 confirmation.

- Components and devices for supply systems for liquid fuel acc. to EN 12514

Product specific 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.



Leakage after pressure impulse test, damage after burst test (l. to r.)