

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 (EU) no. 305/2011 (number: 1721)**
- Test laboratory according to state building code (number: SAC24)**
- GS-mark test laboratory in scope of German law ProdSG**
- DIN CERTCO-Test laboratory (Registration number: PL015)**

* Subject to modifications

** Further information to our accreditations you can find on our website www.dbi-gruppe.de



Use our DBI test mark as well as numerous testing options for your products.
Do not hesitate to ask us!

Independent company group of DVGW

DBI
Gruppe

Contact

DBI GTI

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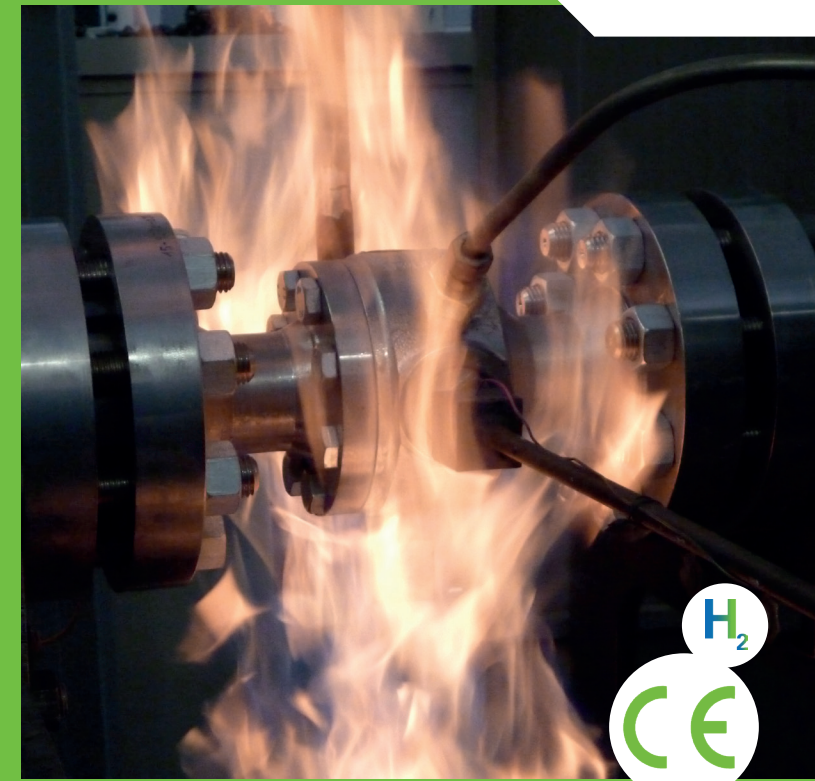


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Testing of components and devices

Initial type testing | Surveillance | Hydrogen tests | Audits
Gas specific expertises | Reliability investigations
Failure probability tests | Benchmark tests

Energy with Future.
Environment and Responsibility.

CE 1721

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

Testing of components and devices for gas and water supply

Components and equipment are an important part of the safety and control systems in gas and water supply. The DVGW-Test Laboratory Energy, in cooperation with the certification of DVGW CERT GmbH, offers **type testing** at the highest level **according to accredited standards and test procedures**:

- Ball valves acc. to EN 331, EN 13774 and EN 14141
- Gas shut-off components and pressure relief devices for manometers acc. to DIN 3590
- Plastic fittings acc. to EN 1555, EN ISO 17778 and DVGW VP 302
- 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 regulators acc. to EN 88, EN 334, EN 16129 and DIN 4811
- Fire-safe test acc. to EN ISO 10497, API 607 and API 6FA
- HTB Test DIN EN 1775 Annex A
- House connection combination acc. to DVGW VP 601

Testing of hoses / pipelines and their connecting elements

For pipelines, hose lines, their connecting elements and installation systems, **the safety and usage requirements** are described in national as well as European standards and test procedures. You will find a selection of products and test standards 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
- Gas and water corrugated tubing kits acc. to EN 15266, DVGW GW 354 and DVGW G 5616
- Composite piping systems acc. to ISO 17484 and DIN 30655
- Press connector for piping systems acc. to DVGW G 5614
- Reinforced plastic tubing acc. to DVGW VP 643
- Plastic piping systems acc. to ISO 17778
- Compensators acc. to DIN 30681

Testing of components for the use of liquid fuels

The requirements for resistance and functional tests of components and equipment for oil supply systems are also described in product standards. We offer you **type testing** of your products in accordance with Regulation EU 305/2011 in System 3.

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

Product specific testing

- Durability of gaskets / sealing / tightness systems
- Load and pressure alternation with variable rates; pressure range: hydraulic to pmax. 1500 bar, pneumatic Pmax. 630 bar
- Temperature and climate alternation from -40 °C to +70 °C
- Long-term- / life cycle- / ageing examinations
- Fatigue- / flexibility- / bending performance
- Oscillation- / vibration tests
- Fire- / burning- / high temperature tests to +1100 °C
- Pressure loss and actuation tests
- Fugitive emissions DIN EN ISO 15848

Hydrogen tests

- Real gas measurements
- Tightness and function
- Permeation studies
- DVGW ZP 4110
- Comparative measurements with other gases
- Long-term resistance
- Storage options Autoclave up to max. 100 bar

