

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)**
- DVGW Test laboratory for gas appliances in scope of regulation (EU) 2016/426**
- GS-Mark test laboratory in scope of German law ProdSG**
- DIN CERTCO-Prüflaboratorium (Registriernummer: PL015)**

* Subject to modifications

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



CE 0085



**Use our DBI test mark for your products.
Do not hesitate to ask us.**

Independent company group of **DVGW**

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Contact

DBI GTI

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Testing of gas appliances and liquefied fuels

Initial type testing | Surveillance | Audits
Gas specific expertise | Failure probability tests

Energy with Future.
Environment and Responsibility.

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

Type testing of gas appliances

Gas appliances presents high modern conveniences for the consumer. Authorities require an **initial type testing and certification** to ensure safety operation. DVGW-test laboratory offers a high level type testing of your gas appliances and in cooperation with DVGW CERT GmbH certification.

- Gas appliances for commercial and domestic use
- Gas appliance for LPG
- Light and dark radiators (incl. radiation measurements according to DIN EN 419 and DIN EN 416)
- Convection air heaters
- Water heaters
- Combined heat and power appliances / mCHP appliances
- Domestic cooking appliances
- Heating boilers for gas burner
- Top heat grills & BBQ's
- Gas appliances with hydrogen, methanol, DME (dimethyl ether)

Type testing of fuel oil appliances and their components

Appliances for liquid fuels are very popular in peripheral regions as independent fuel supply. We would like to offer **type testing** of your oil fired appliances and components for supply system based on national and European standards. You could get related approvals in cooperation with DVGW CERT GmbH.

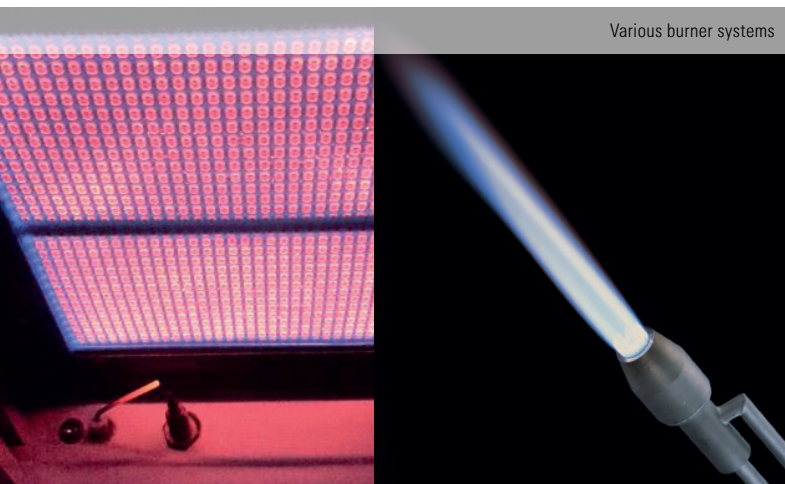
- Forced draught burners for liquid fuels acc. to EN 267
- Heating boilers for oil burners acc. to EN 303-series
- Oil fired room sealed units acc. to EN 15035
- Components for oil supply systems acc. to EN 12514

Further experiences and working fields

In addition to the classic type and type tests according to defined national and European standards, our test laboratory offers the possibility of testing with special gases, such as those used in the industrial sector or in non-European countries. A gas mixing unit with free configuration is available for this purpose.

On-site measurement to prove the usability and proper adjustment of the gas appliance is also offered by our laboratory. The **CO₂, CO, O₂ and also the NOX content, higher hydrocarbon and dust concentrations** can be recorded. On request, our DBI-owned gas analysis laboratory can provide further testing options.

By carrying out special tests on gas and oil firing systems, we give you the opportunity to determine the long-term suitability, reliability and application limits of your appliances before they are launched on the market. For this purpose, two separately and independently adjustable climate chambers (-40°C -+60°C, 40 -95% relative humidity) are available. By systematically configuring extreme and special conditions for the installation room and air/flue gas ducting, unit-specific faults and failure phenomena are specifically caused, thus opening up the possibility of fault analysis.



Various burner systems



Gas cooker