

Further activities

Emission tests can be realized not only for typical heat producing appliances. It is possible to measure separate emissions inside and outside of the test laboratory (external). Our analyzing spectrum is about carbon dioxides (CO₂), oxygen (O₂), nitrogen oxides (NO_x), organic gaseous carbon (OGC) and measuring procedures for particulate matter (PM) in exhaust gases.

For testing pellet burners (in accordance to DIN EN 15270:2008-03) we can use special test boiler rigs. This test rigs are flexible in it's dimensions and can be adjusted for each burner type.

For approvals in individual cases expert opinion reports can be performed. It is also possible to provide damage assessments. As approved test laboratory acc. to the German State building code it is possible to obtain general appraisal certificates (abP) and „ÜHP“-procedures can be performed (declaration of compliance by the manufacturer by testing of the construction product by an approved test laboratory).

- Providing general appraisal certificates (abP) in accordance to the German State building code
- „ÜHP“-procedures (declaration of compliance by the manufacturer by testing of the construction product by an approved test laboratory) in accordance to the German State building code

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



Contact

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DVGW Test Laboratory Energy
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Your contact person

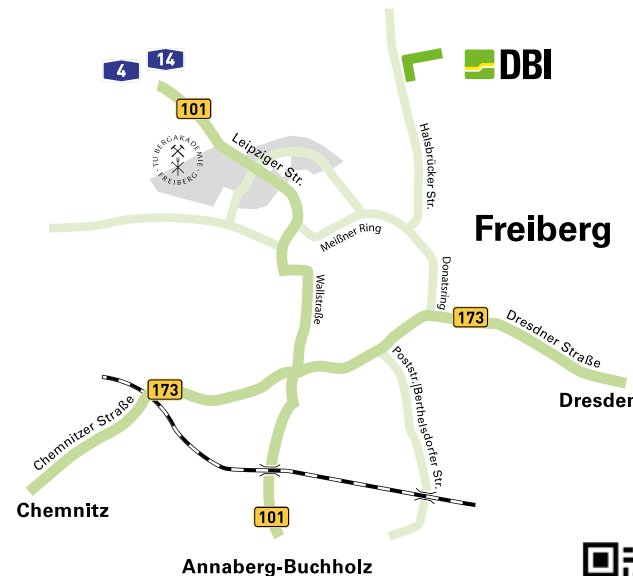


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TEST LABORATORY FOR HEAT PRODUCING APPLIANCES

Testing of appliances burning solid fuels

Type tests in accordance to european and national standards

Accreditations



Testing of appliances burning solid fuels

Appliances fired by solid fuels are on vogue by a lot of people. The legislation requires an initial type testing before rollout of products by manufacturer. Successfully testing in our accredited test laboratory could be guarantying for you as manufacturer to fulfill the applicable regulations in European countries. Don't hesitate to contact us if you don't find your special appliances in our exemplary list.

- **Boilers**
- **Pellet burners**
- **Cookers**
- **Inset appliances and open fires**
- **Kachelofen appliances**
- **Room heaters (also fired by wood pellets)**
- **Slow heat release appliances**
- **Baking ovens**
- **Coal-fired Water-heater with storage boiler**
- **BBQ's / Grills**
- **Decorative appliances using alcohol based or gelatinous fuel**



Test of a barbecue

Type Tests according to European test standards

- DIN EN 12809:2005-08 / Corrigenda1:2008-06
- DIN EN 12815:2005-09 / Corrigenda1:2008-06
- DIN EN 13229:2005-10 / Corrigenda1:2008-06
- DIN EN 13240:2005-10 / Corrigenda1:2008-06
- DIN EN 14785:2006-09 / Corrigenda1:2007-06
- DIN EN 15250:2007-06
- DIN EN 15270:2008-03
- prEN 16510 Series
- DIN EN 16647:2015-12
- DIN EN 1860-1:2013-04
- DIN EN 303-5:2012-10 / 1999-06
- CEN / TS 15883:2009-04

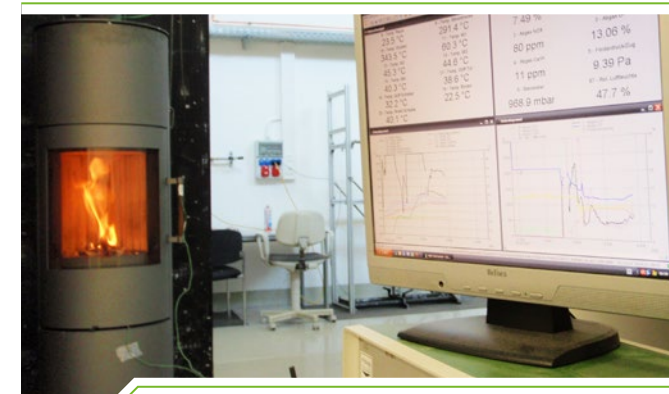
Type Tests according to national test standards

- Measuring emissions and efficiency in accordance to national regulations
- DIN 18897-1:2005-06 or approval principles of DIBt for testing room sealed appliances burning solid fuels
- DIN 18889:1956-11
- DIN 18880-2:1991-08

Accreditations*

- DAkkS-accredited test laboratory acc. to DIN EN ISO 17025, No. D-PL-11072-01-00 **
- Test laboratory according to Construction products regulations no. 305 / 2011 (notified body no. 1721) **
- Test laboratory according to German State building code (no. SAC24) **
- DVGW-Test laboratory **
- GS-Mark test laboratory in scope of German law ProdSG
- DIN CERTCO-Test laboratory for oil burners and for appliances fired by solid fuels registration no. PLO15 **
- Acceptance by the Association Cantonal Fire Insurances in Switzerland for fired appliances

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



Measurement at the test rig