

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)**
- Acceptance by the Association Cantonal Fire Insurances in Switzerland for fired appliances

* Subject to modifications

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



CE 1721



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

Independent company group of  DVGW

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Gruppe

Contact

DBI GTI

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Testing of biomass fired appliances

Testing of firing systems for solid fuels | Accreditations
Type tests in accordance to european and national standards



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

Testing of firing systems for solid fuels

Firing systems for solid fuels are becoming increasingly popular. For the manufacturers of these products, the legislator stipulates an **initial test before market launch** and requirements for environmentally compatible design must be met. Successful testing in our accredited and notified laboratory is your guarantee as a manufacturer that you comply with the applicable regulations. If you cannot find your device in the exemplary selection, simply contact us.

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



Testing of furnace and measuring probe (f.l.t.r.)

Type Tests according to European test standards

- DIN EN 12809:2005-08 / Corrigenda 1:2008-06
- DIN EN 12815:2005-09 / Corrigenda 1:2008-06
- DIN EN 13229:2005-10 / Corrigenda 1:2008-06
- DIN EN 13240:2005-10 / Corrigenda 1:2008-06
- DIN EN 14785:2006-09 / Corrigenda 1:2007-06
- DIN EN 15250:2007-06 / Corrigenda 1:2015-05
- DIN EN 15270:2008-03
- DIN EN 16510 Series
- DIN EN 16647:2016-04
- DIN EN 1860-1:2018-09
- DIN EN 303-5:2021-09
- CEN/TS 15883:2009-04

Type Tests according to national test standards

- DIN SPEC 33999:2014-12 or DIBt approval principles for the testing and assessment of downstream particle separators
- DIN/TS 18843-1:2021-09 for the testing and assessment of automatic combustion air systems on firing systems
- DIN 18897-1:2005-06 or DIBt approval principles for testing and assessing room-sealed firing systems for solid fuels
- DIN 18889:1956-11
- DIN 4759:2018-04

Further activities

- Tests and assessments within the framework of the Federal Promotion for Efficient Buildings (BEG) to confirm the minimum technical requirements (TMA) for BAFA funding.
- Blue Angel tests for stoves and particle separators
 - DE UZ-212:2020-01
 - DE UZ-222:2022-01
- Tests and assessments for EU energy labelling and according to eco-design requirements
 - EU VO 2015/1185
 - EU VO 2015/1186
 - EU VO 2015/1187
 - EU VO 2015/1189
- Testing of firing systems according to new product standard EN 16510 series
- Testing of firing systems on high thermal insulated walls
- Further fields of work:
 - Expert opinions for approvals in individual cases
 - Damage assessments
 - Issuing of general building authority test certificates (abP) & testing to obtain type approval (abZ) at the German Institute for Building Technology (DIBt)
 - ÜHP procedure: manufacturer's declaration of conformity after prior testing of the construction product by a recognised testing body



Measurements on the test bench