

IKT test centres reaccredited

Following the new provisions concerning accreditation in Germany, the IKT has now had its building-product test centre in Gelsenkirchen reaccredited, and that in Arnhem (Netherlands) accredited for the first time. The IKT test centres have thus given unequivocal proof of their competence, as is documented under DAkkS (German National Accreditation Body) accreditation number D-PL-18196-01-00.

Tube-liner testing - and more!

The IKT provides quality-assuring, practically orientated product and system tests, plus on-site supervision services, for system operators. Testing of samples of tube liners accounts for a large proportion of the institute's work. The accredited building-product testing, auditing and certification centres operated by the IKT and IKT Nederland in this field perform, inter alia, the following tests:

- Water-tightness testing (APS test procedure)
- Three-point bending test (DIN EN ISO 11296, Part 4 and ISO 178), also covering modulus of elasticity, flexural tensile strength and wall thickness
- 24 h creep tendency (EN ISO 899, Part 2)

Further analyses, including quantification of residual styrene content, resin type and glass/

filler content, for example, can also be commissioned, in addition to the standard tests listed above.

In addition, the IKT test centres can also determine resistance to high-pressure flushing as a materials test (Method 1) on pipes and test samples of, for example, tube liners in accordance with DIN 19523:2008, Part 08. The IKT also conducts practical flushing tests (Method 2) using the test parameters specified in this standard.

Manhole-shaft coatings: IKT on-site testing

The IKT building-product test centres perform for system operators tests that permit on-site determination of the quality of manhole-shaft coatings. These on-site tests include, for example:

- Assessment of substrate preparation, including measurement of pull-off strength, plus assessment of roughness and pre-sealing;
- The tensile adhesion of the coating for assessment of the effectiveness of refurbishing and
- Visual inspection of the completed coating.

Individual test programme

The IKT test centres, in close consultation with the customer, are always pleased to compile a programme of testing individually tailored to the specific product. The test centre staff are pleased to provide assistance to clients.



The IKT's test centre for building products in Gelsenkirchen has been reaccredited.

DAkkS supersedes DAR

The „Deutsche Akkreditierungsstelle“ (DAkkS) accreditation body is the national accreditation organisation for the Federal Republic of Germany. It recently took over these functions from the „Deutscher Akkreditierungsrat“ (DAR), or „German Accreditation Council“. Accreditation by DAkkS provides official confirmation that inspection and certification bodies, and the relevant laboratories, perform their tasks with the necessary expertise and in accordance with the applicable requirements.

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Liner samples are cut to the size and shape needed for testing.

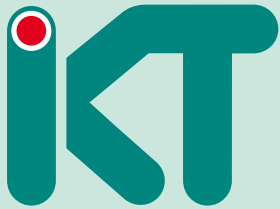


The IKT test laboratory in the Netherlands has also undergone accreditation.

IKT Nederland

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neutral
independent
non-profit institute



IKT - Institute for Underground Infrastructure

ABOUT IKT



IKT - Institute for Underground Infrastructure is a research, consultancy and testing institute specialized in the field of sewers. It is neutral and independent and operates on a non-profit basis. It is oriented towards practical applications and works on issues surrounding underground pipe construction. Its key focus is centred on sewage systems. IKT provides scientifically backed analysis and advice.

IKT has been established in 1994 as a spin-off from Bochum University, Germany.

The initial funding for setting up the institute has been provided by the Ministry for the Environment of the State of North-Rhine Westphalia, Germany's largest federal state.

However, IKT is not owned by the Government. Its owners are two associations which are again non-profit organizations of their own:

- a) IKT-Association of Network Operators:**
Members are more than 120 cities, among them Berlin, Hamburg, Cologne and London (Thames Water). They hold together 66.6% of IKT.
- b) IKT-Association of Industry and Service:**
Members are more than 60 companies. They hold together 33.3% of IKT.

You can find information on projects and services at:
www.ikt.de



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