

Why IKT product test?

The objective of IKT product tests is to provide network operators with reliable and independent information on the strength and weaknesses of products and methods of waste water technology. The IKT product tests are done together with network operators who follow the whole tests in several meetings. A central aspect of IKT product tests is the practical product test, e.g. under construction or operating conditions.

The focus of the examinations is not the compliance with individual standards or bodies of rules and regulations, but the reliable fulfilment of network operator requirements during construction and operation. The service life under expected conditions such as load, groundwater, earth pressure, volume of traffic or high-pressure cleaning, is the focus of attention. As a result the network operators are provided with independent, practice-related, and technically well-founded information concerning the strengths and weaknesses as well as areas of application and limits of the tested products. The network operators are quickly and comprehensively informed on product quality with an understandable evaluation scheme and a test seal. At the end of an IKT product test the tested products and methods are all assessed with marks from VERY GOOD to POOR.

The results of IKT product tests completed to date confirm the need for evaluation of the available waste water technology products and methods in comparative quality tests:

- The most suitable method for the respective purpose can be selected from the many offers, thus reducing the investment risk.

- The requirements of the network operators are the basis for the development of products and methods, as improvement potentials of products and methods are identified and documented in the tests.
- IKT product tests can result in a "Closed loop of product improvement", which will lead to innovations and an improved market situation.

Completed IKT product tests:

- IKT product test "Odour filters" (April 2010)
- IKT product test "Tube liners for lateral pipes 2010" (March 2010)
- IKT product test "Repairing methods for main pipes" (July 2009)
- IKT product test "Tube liners for lateral pipes" (November 2005) Download: www.ikt.de/download/f0116kurzbericht_liner_en.pdf (870 KB)
- IKT product test "Inspection systems for domestic sewer networks" (September 2005). Download short report: www.ikt.de/download/english/inspection_systems.pdf (100 KB)
- IKT product test "Repair methods for lateral connections" (June 2004). Download: www.ikt.de/download/english/Testing_Liners_2005.pdf (250 KB)
- IKT product tests of new or further developed top hat liners and robotic systems from different producers following the test procedure of the IKT product test "Repair methods for lateral connections" (November 2004 to February 2006)
- IKT product test "Lateral connections" (June 2002)
- IKT product tests of new or further developed saddles from different producers following the test procedure of the IKT-Product-Test "Lateral connections" (December 2002 to June 2010)

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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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