

The Technical Inspection Services of VdS

**We set benchmarks in loss prevention —
successful in Europe, world renowned.**



Seamless competence for fire prevention and protection

Fire prevention and protection is one of the most prominent topics when it comes to the safety of companies and the protection of commercial or private buildings. For this reason, there are a number of legal requirements that stipulate minimum requirements for fire prevention and protection equipment — in particular to ensure the greatest possible protection of persons.

In addition, there are requirements from the insurance industry, which often demand additional measures for the insurance protection of high-value material assets. However, the operators of fire prevention and protection systems also have a great interest in ensuring that the fire prevention and protection systems function smoothly in the event of an emergency. This is because a business interruption as a result of a fire event is often enough regarded as the greatest existential risk for companies.

Fire prevention and protection is therefore a complex task that requires qualified expertise in the various fire prevention systems and in-depth knowledge of national and international standards and guidelines. For more than 110 years, VdS has been one of the leading institutions for solving this task — be it for on-site fire prevention and protection testing, certification of protection concepts, testing of fire protection products, training on fire protection topics, co-design of guidelines and standards, and much more. In Germany, in Europe and worldwide.

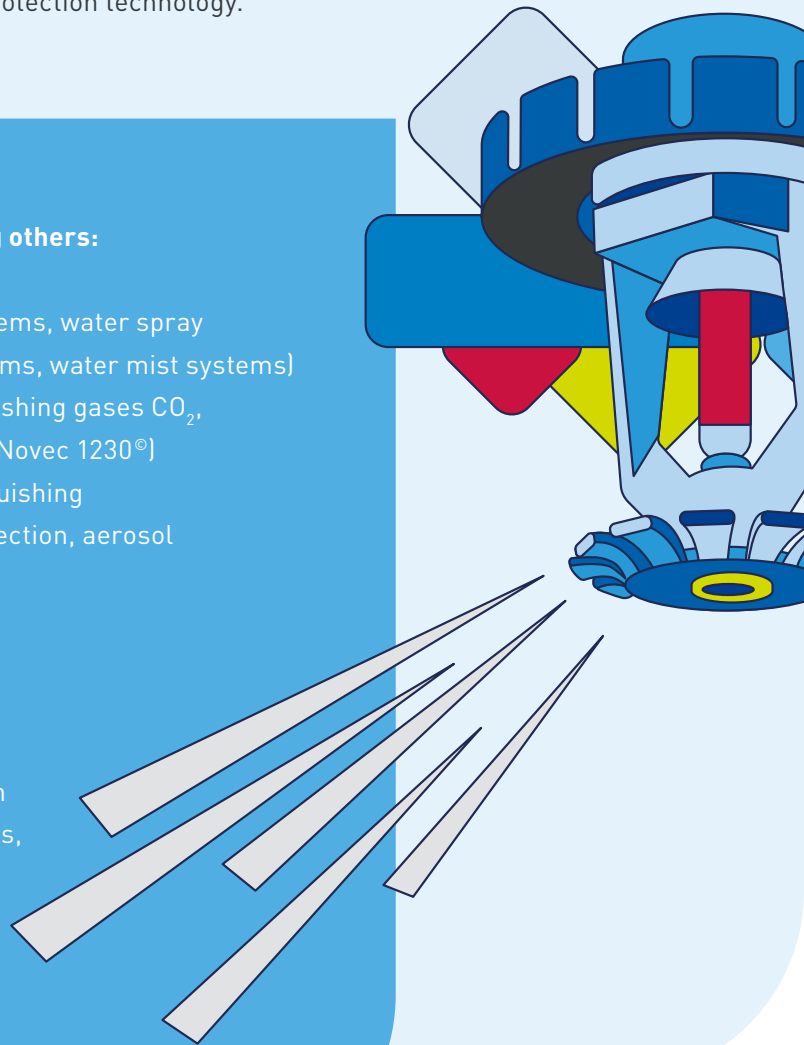


Our range of services: comprehensive and of the highest quality.

The expert teams at Technical Inspection Services assess more than 30,000 fire prevention and protection systems worldwide every year. This makes us one of the leading international testing organisations in the field of fire prevention and protection, and we have a unique infrastructure in Europe that enables us to test all types of fire protection technology.

The testing services offered by the Technical Inspection Services encompass, among others:

- Water extinguishing systems (e.g. sprinkler systems, water spray extinguishing systems, foam extinguishing systems, water mist systems)
- Gas extinguishing systems (e.g. with the extinguishing gases CO₂, Argon, Inergen[®], Nitrogen, Argonite[®], FM 200[®], Novec 1230[®])
- Special extinguishing systems (e.g. spark extinguishing systems, extinguishing systems for kitchen protection, aerosol extinguishing systems)
- Fire detection and alarm systems
- Voice alarm systems
- Wall/outdoor hydrants and risers
- Smoke extraction systems (smoke and heat extraction systems, smoke extraction systems in stairwells, mechanical smoke extraction systems, smoke protection pressure systems)
- Fire protection closures
- Special fire prevention and protection systems such as oxygen reduction systems



We do fire prevention and protection: internationally and on a sound and well-founded footing.

Our tests are not only performed on the basis of the approved VdS guidelines, but also on the basis of national and international standards. This is why we are also able to test systems that have been built on the basis of other regulations. By the way, VdS is present in all relevant national and international committees and actively participates in the development of regulations.

The VdS guidelines thus cover the international EN or ISO standards and are often an innovation driver for the entire industry. This is because we react to current technological developments at an early stage and also take into account any hazards that may arise, for example, as a result of the networking of components and systems in fire prevention and protection technology.

All in all, our services in the field of fire prevention and protection make a major contribution to making companies safer.



Our range of services: efficient and target-oriented

The services offered by the Technical Inspection Services range from the testing and supporting of projects in the planning phase to initial and repeat tests and expert opinions. Our extremely broad range of services enables us to meet the diverse requirements of our clients precisely and from a single source. Combined with our openness to all relevant testing principles, this results in a distinctly customer-oriented product range with an attractive cost-benefit ratio.

Cost advantages through combined testing:

- Flexibility in the test basis (VdS guidelines, international standards, NFPA, FM) enables holistic system solutions from a single source.
- VdS testing combines insurance-related requirements with building and trade association regulations.
- Assessment of all existing fire prevention and protection systems — for example, fire alarm and fire extinguishing systems.





VdS — “Inspected, Approved, Safe“

VdS is one of the world’s most renowned institutions for corporate safety and security, focusing on fire prevention and protection, security, natural hazards prevention and cyber-security. Its services include risk assessments, testing of equipment, certification of products, companies and specialists, as well as a wide range of training courses. The VdS seal of approval enjoys an excellent reputation among experts and decision makers.

Its clients include industrial and commercial enterprises from all sectors, leading international manufacturers and system houses, competent specialist companies, and risk-conscious banks and insurers. VdS Schadenverhütung GmbH is a wholly owned subsidiary of the German Insurance Association (GDV).

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