



Industrie Service

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Add value.**



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## Evaluation of Sprinkler Systems

The intended function of sprinkler systems may run the risk of impairment or even loss in consequence of waterside scaling or deposition and corrosion caused by improper water chemical conditions. Especially sprinkler head pipes may run the risk of blockage so that the required amount of water is not available in case of activation.

According an instruction of VdS (German Association of non-life Insurers) sprinkler systems have to be inspected by random use of video endoscope after 25 years of operation in case of wet systems or rather 12.5 years of operation in case of dry systems.

### **TÜV SÜD services**

In regard to a failure-free operation TÜV SÜD carries out for you:

- Inside inspection of sprinkler pipes by means of video endoscope
- Testing of sprinkler heads for releasing and flow capacity
- Estimation of remaining life time
- Specification of further procedure in case of major failures (e.g. measurement of remaining wall thickness, partial renovation, complete renovation)

### **Your Benefits**

The testing of sprinkler systems aims at evaluating the operational and procedural requirements against the background of water- and corrosion chemistry aspects as well as evaluating the availability of the system to provide the required amount of water in case of activation.

Our services offer you an external and neutral quality assurance, in detail:

- ▶ Reliable survey by means of video endoscope
- ▶ Clarification of the cause of corrosion as well as of scaling and deposition
- ▶ Optimisation in respect of corrosion chemistry as well as chemical, operation and safety engineering
- ▶ Rehabilitation and maintenance of intended function

Our laboratories are accredited as per DIN EN ISO/IEC 17025 and as an inspectorate type A as per DIN EN ISO/IEC 17020.

### **TÜV SÜD.**

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