**Press Release 14/2023**

**VdS: New support   
for safe gas extinguishing systems**

**Updated version of the "Gas Extinguishing Technology Bible" VdS 2454 available for free download: Comprehensive coverage for reliable components, overall system design, compatibility, personal protection, and much more.**

*Cologne/Germany, June 2nd 2023.* Gas extinguishing systems protect the core of producing industries all over the world, which is particularly threatened by the main fire cause "electrical defects" (German Insurer Association studies): IT rooms and manufacturing machines. This technology fights fires without side effects and in places that other extinguishers cannot reach – if the complex systems function reliably. This is precisely why VdS bundles 115 years of loss prevention experience into compact guidelines named „technical holy books“ by experts worldwide.

Europe's largest safety institute has now comprehensively revised its standards for efficient gas extinguishing systems: "As usual, we have adapted the publication to relevant industry innovations and the latest risks. Brand new are, among others, specifications for dynamically regulating pressure limiters," explains Hendrik Rudolph, head of the VdS laboratories for gas and special extinguishing systems. "A reader-friendly design was also important for us. So we have simplified the permitted options in terms of technical openness and new developments, have also at the request of our customers added many explanations, e.g. on control options, for the first time in graphical representations.“

The Guidelines VdS 2454, "Gas Extinguishing Systems - Requirements and Test Methods" are available for free download on [vds-shop.de](http://www.vds-shop.de). Including practical specifications on the legally required personal protection measures, overviews of necessary components and their approvals, as well as details on minimum requirements for certain approval-free components such as filters or pressure switches. They apply to all approved extinguishing gases in high and low pressure systems.

**Caption Gas: 115** **years of experience bundled in the renowned VdS Guidelines – the updated support for safe gas extinguishing systems is now available free of charge.**

**About VdS:**

VdS is one of the world's most renowned institutions for corporate safety and security. 500 experts offer a unique range of services for fire protection, security, cyber-security and natural hazard prevention.

Services include risk assessments, testing and certification, inspections, information systems for natural hazards and an extensive training program. In addition, the independent institute sets international safety and security standards with the publication of a comprehensive set of Guidelines.

The optimal protection of our partners is based on a worldwide unique protection concept whose reliability builds on 115 years of VdS-experience, combining all core aspects of loss prevention. Decision-makers around the world rely on VdS-approved reliability and safety.

More information at [vds-global.com](https://www.vds-global.com/)