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### **Safer storage of lithium-ion batteries: WAGNER presents holistic fire protection solutions at VdS-BrandSchutzTage 2022**

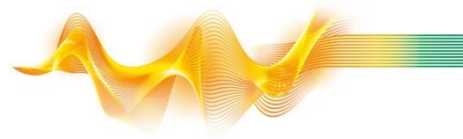
- **Fire protection for lithium-ion batteries is a highlight at WAGNER**
- **Graduate engineer Matthias Dorsch will give a presentation on possible solutions**
- **Holistic product and system portfolio at booth C-06**

**Langenhagen.** From December 7th to 8th, 2022, the ninth edition of the VdS-BrandSchutzTage will take place in Cologne. The fire protection solution provider WAGNER will present its portfolio of products and systems for plant fire protection at its booth C-06, focusing in particular on fire protection for lithium-ion batteries..

Lithium-ion batteries are versatile and an indispensable part of everyday life. However, they also place special demands on fire protection. As an example, in addition to the number of batteries stored, the battery charge level in particular, as well as necessary safety distances between the batteries, are important aspects that must be taken into account during storage. "*At WAGNER, fire protection for lithium-ion batteries is always a holistic solution that is developed as needed based on the specific risk analysis and the individual protection goals,*" explains Matthias Dorsch, Head of Market Solution Management at WAGNER. How such a solution can look like is explained by the graduate engineer using the example of the reference project KETTLER Alu Rad GmbH in the exhibitor forum on December 8th from 2:10 p.m. in his presentation on the topic "Small power packs - big fire load: The appropriate fire protection for lithium-ion batteries is always a question of risk awareness and the individual, customized solution."

At the WAGNER booth, visitors will also have the opportunity to find out more about the portfolio of products and systems offered by the fire protection solutions provider. In addition to the TITANUS® early fire detection system (aspirating smoke detector), this also includes the OxyReduct® technology for active fire prevention, which works on the principle of oxygen reduction, as well as the FirExting® gas extinguishing system in the area of firefighting. All systems are VdS-certified.

## Press Release



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### **About WAGNER**

Since 1976, WAGNER Group GmbH, based in Langenhagen (Germany), has been developing and implementing integrated fire protection solutions and has established itself as an innovative solution and system provider with currently 640 employees at 20 locations in 12 countries worldwide. In the field of fire detection and fire prevention, WAGNER group is one of the technology leaders with more than 700 patents.

The core competence is in the area of technical fire protection. Here, WAGNER develops individual solutions with its own products and systems in the fields of fire detection (TITANUS®), fire prevention (OxyReduct®), firefighting (FirExting®) and organization/hazard management (VisuLAN®).

For further information, please visit [www.wagnergroup.com](http://www.wagnergroup.com)

### **Contact**

#### **WAGNER Group GmbH**

#### **Communication/PR**

#### **Katharina Bühmann**

Schleswigstr. 1-5

30853 Langenhagen

Germany

Phone +49 511 97383 213

Email [katharina.buehmann@wagner.de](mailto:katharina.buehmann@wagner.de)

#### **WAGNER Group GmbH**

#### **Communication/PR**

#### **Paula Weinholz**

Schleswigstr. 1-5

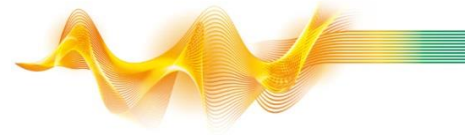
30853 Langenhagen

Germany

Phone +49 511 97383 269

Email [paula.weinholz@wagner.de](mailto:paula.weinholz@wagner.de)

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## Image material

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Graduate engineer Matthias Dorsch, Head of Market Solution Management at WAGNER, will be talking about fire protection for lithium-ion batteries in the exhibitor forum.



The OxyReduct® oxygen reduction system generates nitrogen from the ambient air for active fire prevention. The extent to which the oxygen level in the protected area must be reduced with the inert gas depends on the critical materials stored in that area



The WAGNER product and system portfolio in the fields of fire detection, fire prevention, firefighting and organization / risk management.

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TITANUS® aspirating smoke detectors form the basis of holistic fire protection solutions. The various detectors for different areas of application will be shown at the VdS-BrandSchutzTage.



The extinguishing gases used in the FirExting® firefighting system can stop incipient fires quickly and dependably without leaving any damage or residue of their own on buildings, electrical equipment and goods. For more than 20 years, we at WAGNER have primarily relied on the use of natural gases (inert gases) in the area of firefighting.