

A MASTERFUL SUCCESS STORY

AMFE for electrical cabinets, AeroPro in the energy storage room



Electrical cabinet protection with AMFE, room protection with AeroPro

A major European fruit processor uses the latest manufacturing technologies and automated production processes to handle large volumes of fruit. Large-scale systems require an appropriate energy and power infrastructure. Meister Brandschutz was commissioned to equip both a large electrical cabinet installation and an energy storage room with suitable fire protection solutions.

In line with the building's existing fire protection concept, the electrical cabinets were equipped with the VdS-certified AMFE compact extinguishing system. All AMFEs in the individual cabinets were connected in series via the multialert® Mini fire suppression control panel, enabling simultaneous activation in the event of a fire. The multialert® Mini is connected to the building's fire alarm system.

Because the facility also uses solar energy, it has a large energy storage room. Energy storage systems contain highly flammable materials that are difficult to control in the event of a fire. For rapid containment, the AeroPro aerosol fire suppression system was installed. A Hekatron fire suppression control panel monitors and controls the system and is also connected to the building's fire alarm system. Once a fire is detected, all AeroPro generators are activated. The fire is suppressed by a fine aerosol mist without the use of liquid. Fire sources are extinguished quickly without creating additional toxic by-products. The aerosol is harmless to people and the environment, and the potassium carbonate used is even approved for the food industry.

AMFE and AeroPro: excellent fire suppression systems for industrial facilities!

- easy to integrate into existing systems; easy to retrofit
- automatic fire detection and suppression
- VdS-certified products; VdS-certified installer
- reduction in downtime
- harmless to people and the environment



AMFEPRO
AEROPRO

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www.meister-brandschutz.de