

SEED TODAY

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Seeds of Innovation

New technology to help crops grow

Seeds of Innovation



BioLumic Founder and Chief Scientific Officer Jason Wargent, PhD, explains how the need and opportunities for new seed trait innovation are boundless and have never been more important for the future. (BioLumic)

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“Dieter was an international entrepreneur. From all over the world, clients chose Agronomix because Dieter was an innovator.”

Christopher Leonard
Speaking about Dieter Mulitze



Rotary spirals from Profile Industries were installed in October at the Mid-State Seed production plant in Marshall, MO. The equipment is designed to help produce cleaner seeds, including soybeans. (Profile Industries)

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Dieter Mulitze, founder of Agronomix Software, passed away in November at the age of 71. Those who knew him are remembering the impact he had on them, the company, and global seed industry.

Eliminating Combustible Dust Risks

Camfil APC provides safety resource for seed conveying operations

Camfil APC's dust control systems are designed to safeguard seed conveying facilities from combustible dust explosions, helping to ensure compliance with National Fire Protection Association (NFPA) standards.

In response to the growing risks of combustible dust explosions in seed conveying and agricultural processing, Camfil Air Pollution Control (APC) introduced a comprehensive approach to dust management.

The company's latest APC New Web Resource, "Eliminating the Risk of Combustible Dust Explosions in Seed Conveying Operations," offers insights on preventing these hazards, particularly for facilities handling organic materials such as grass seeds.

Combustible Dust Hazards

The resource features a Camfil case study where a facility



faced significant risks due to inadequate dust management.

Utilizing Camfil APC's advanced dust collection systems, Camfil says the facility greatly improved its dust control practices.

The system not only met the stringent NFPA standards for combustible dust safety, but the company says also enhanced operational efficiency.

Dust Control Solutions

The new resource features Camfil APC's team, led by Regional Manager Brian Richardson, who swiftly addressed facility vulnerabilities.

Their Gold Series industrial dust collectors are designed to reduce combustible dust explosion risks, achieving filtration efficiency up to 99.97% at 0.3 microns. This high-efficiency system prevents airborne dust from dispersing, thereby enhancing both plant safety and worker health.

The APC New Web Resource also explains Camfil APC's commitment to educating facility managers on NFPA 652 standards, soon transitioning to NFPA 660. The company says compliance with these standards is essential for facilities handling combustible dust to maintain fire safety.



Brian Richardson

Risks of Ignoring Combustible Dust Hazards

According to Camfil APC, agricultural dust from seed handling has a high explosion risk due to its fine, carbon-rich organic particles.

This combustible dust endangers workers and negatively impacts air quality, productivity, and the environment.

"Camfil APC's industrial dust collectors are engineered to remove both toxic and combustible dust from the environment," says Richardson. "Our goal is to provide a best-in-class dust collection system that supports NFPA and ATEX compliance."

Industry-Wide Safety Awareness

Camfil APC encourages seed conveying facilities to enhance their safety protocols by exploring the APC New Web Resource on effective dust management solutions, using the QR code on the right.

Additionally, Camfil's dust collection experts are available for on-site assessments to help meet facilities' dust management needs. ■



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