

We are



Dear Vahid,

October 2023

## Process Safety Dispatch

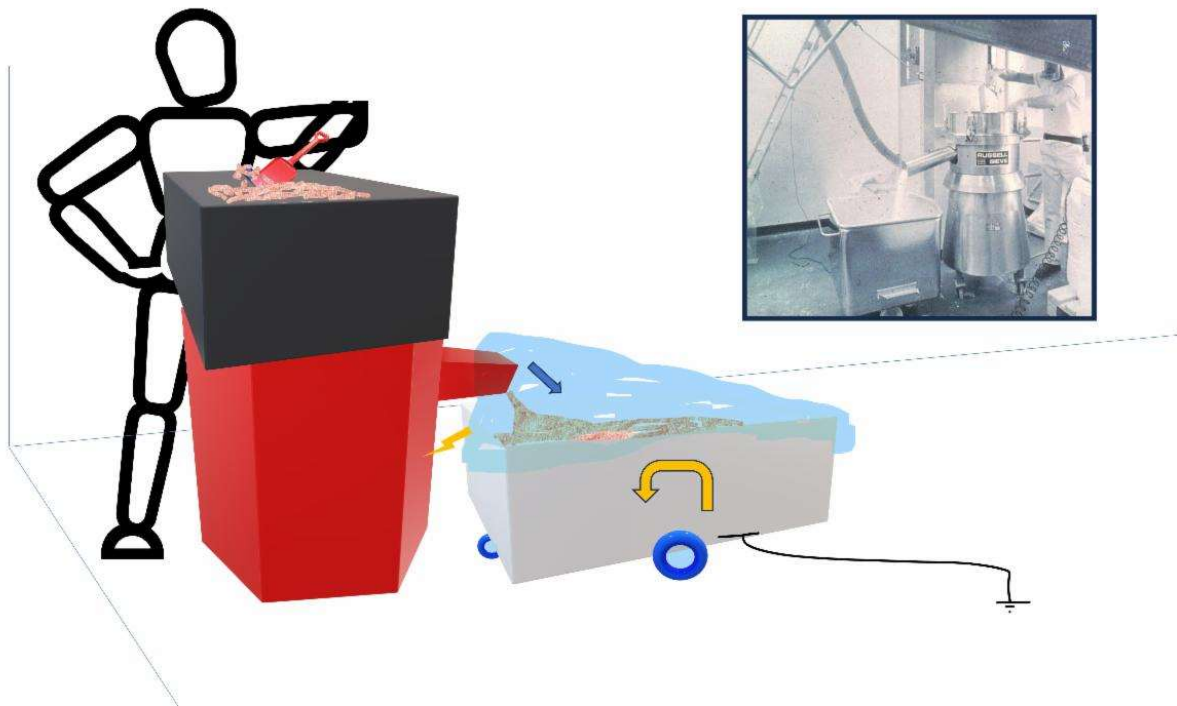
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### In this Issue

- **Pharmaceutical Production: Lessons Learned from a Serious Flash Fire Incident & its Investigation**
- **Fall 2023 Virtual Training Courses - EXPLOSIONS - October 24 & 25**

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### **Pharmaceutical Production: Lessons Learned from a Serious Flash Fire Incident & its Investigation**



Pharmaceutical manufacturing often operates in a complex realm where safety reigns supreme, protecting both workers and the integrity of the production process. But sometimes it is not complexity that obfuscates the path to safe operations.

In this issue of Process Safety Dispatch, we look at a flash fire incident that took place during a **routine sieving operation**, which serves as a stark reminder of the potential hazards that can arise within even the simplest and most well-established process. We delve into the **incident**, its **investigation**, **findings**, and the subsequent **learnings**, emphasizing the crucial role of **dust explosion test data** AND the importance of the **expert** application of **industry standards and best practices** in preventing dust explosions and flash fires.

[Read More](#)



### Expert Consulting

- Dust Explosion Prevention & Mitigation
- Control of Static Electricity
- Hazardous (Electrical) Area Classification
- Process Hazard Analysis
- Process Safety Management
- Fire and Explosion Hazard Assessment
- Incident Investigation
- Organizational Process Safety Competency Assessment

### Specialist Laboratory Testing

- Combustible Dust Testing
- Electrostatic Testing
- Self-Heating / Thermal Instability Testing
- Flammability Testing of Gases & Vapors



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**Dust Clouds, Liquids & Gases, Static Electricity, Electrical Sparks, Mechanical Sparks  
Explosions - Learn all about them!**



**Fall Training Courses in Process Safety from Stonehouse. Virtual, broadcast live and direct to your PC in two 3-hour segments.**

At Stonehouse, we've been helping hundreds of businesses with their process safety consulting and testing needs. We've built decades of cumulative knowledge, and experience - and (we believe) a unique insight into industry's process safety problems and solutions. Everything from dust explosions and static electricity through to hazardous area classification and process safety management. Now it's time to let you benefit directly from this, through a suite of live virtual training courses, complete with video footage, solution methodologies, and case studies.

We hope you can join us on-line starting in September for all our virtual and live, bite-sized training events!

### **The Courses:**

**Last Chance! - Explosions - Oct 24 & 25, 2023, 1:00pm-4:00pm EDT**

Gases, vapors, aerosols, fibers, dusts and more. We all know they can (and do) explode

uncontrollably in industry threatening life, community, and business integrity. Yet, explosions and flash fires can be prevented and controlled.... if you have the knowledge, experience and sometimes ingenuity. Our 'Explosions' course is your key to a safer plant – and peace of mind.

Our bitesize course takes you from understanding to hazards analysis, to explosion prevention and protection techniques and through to compliance with standards and guidelines. And we do this with copious doses of video and case study material built up from years of practical experiences. For more information and to register, [click here](#).

### **Static Electricity - Nov 14 & 15, 2023, 1:00pm-4:00pm EST**

Static electricity is a devious subject. Fear not. We have it covered in this neat course designed for those who want to understand how static sparks arise in industry – and what to do to control this most elusive of ignition sources. We walk you through from the basics of the subject to help you understand where it all starts, we enthrall you with new video clips of the subject, filmed in our own labs and we lay out practical options available to control static electricity on your plant. For more information and to register, [click here](#).

### **Hazardous Area Classification - Dec 5 & 6, 2023, 1:00pm-4:00pm EST**

You've got flammable atmospheres at your facility. You've got electrical equipment at your facility. Better make sure the two never meet – or else make sure that if they do, the electrics cannot cause a fire or explosion. Knowing where your flammable atmospheres are (classifying hazardous areas) is a fundamental requirement of good process safety – important enough to have its own NFPA standards.

In our bitesize hazardous area classification course, we aim to have you understanding the requirements of the standards, explain good industrial practice and point you in the right direction to ensure your plant is safe from the fire and explosion hazards presented by electrical equipment. For more information and to register, [click here](#).

[For more info & Registration](#)

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