We are Stonehouse process safety

Dear Vahid,

June 2024

Process Safety Dispatch

In this Issue

NFPA 660 - The New Standard for Combustible Dusts

Hear ye, hear ye!

Have you heard about the impending release of NFPA 660?

The introduction of NFPA 660 will mark a significant step forward in the management of combustible dust hazards in all industries that handle or process combustible powders.

This new standard is in development to bring together - and simplify - all the existing industry or commodity-specific NFPA combustible dust standards into a single, consistent document. The aim? To increase clarity and applicability, and therefore overall safety. **At Stonehouse, we like clarity and simplicity!** We fully endorse this initiative, and this article provides a heads up for you on what's coming with NFPA 660 in the countdown to publication.

What is NFPA 660?

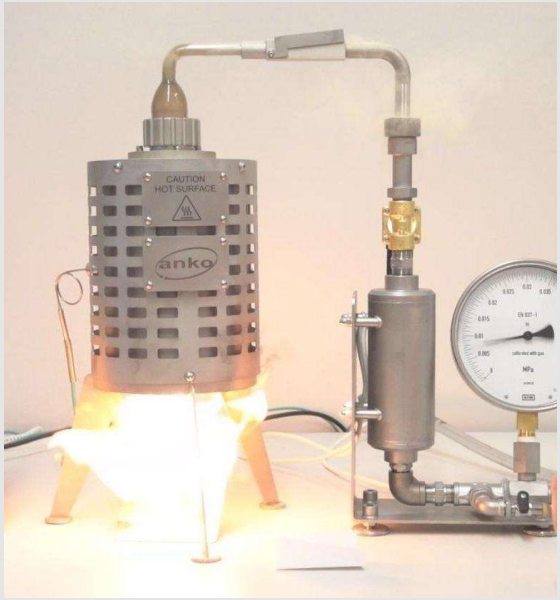
Read More

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



Dust Clouds, Liquids & Gases, Static Electricity, Electrical Sparks, Mechanical Sparks

Explosions - Learn all about them!

Process Safety Training 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 January for all our virtual and live, bite-sized

training events!

2024 Fall Course Schedule

The Courses:

Process Hazard Analysis - Theory and Practice - September 10 & 11, 2024, 1:00pm-4:00pm EST

Are you committed to ensuring process safety and minimizing risks in your workplace? Join our new live, bite-sized, virtual training program on Fundamentals of Process Hazard Analysis (PHA) and equip yourself with the knowledge and tools to identify and evaluate hazards and risks in your operations. This two half-day course will delve deep into PHA fundamentals, risk assessment techniques, HAZOP processes, and more. Elevate your safety expertise and make your workplace safer with us!

Our comprehensive PHA training program is your gateway to mastering the intricacies of process safety. Over two half-days of intensive learning, we'll cover a spectrum of critical topics that will empower you to effectively assess and manage process hazards and risks. With a focus on practical application and real-world scenarios, you'll gain invaluable skills to enhance safety in your workplace.

Safety begins with knowledge. We're here to empower you with the skills needed for a safer workplace. Join us to make a difference! For more information and to register, **click here.**

Process Safety Management (PSM) in Practice - September 24 & 25, 2024, 1:00pm-4:00pm EST

As a Process Safety Professional or someone who simply wants to understand Process Safety Management, here's a training course you do not want to miss! The OSHA Process Safety Management (PSM) program, under 29 CFR 1910.119, represents a pivotal framework in industrial safety. PSM is designed to prevent and mitigate major chemical accidents, ensuring the well-being of both workers and the environment. Professionals in this field recognize that thorough knowledge of PSM is paramount for legal compliance, but more importantly, it equips them with the tools and expertise to identify and mitigate potential risks in highly hazardous chemical processes.

This training is delivered in our new live, bite-sized, virtual training format. It guides you to all the answers, providing you with valuable insights into regulatory requirements, risk assessment, emergency response planning, and best practices for ensuring the safe management of chemical operations. Attending such a course will advance career prospects but most importantly it underscores commitment to creating safer, more responsible industrial environments. For more information and to register, **click here**.

Exploding Dusts - October 22 & 23, 2024, 1:00pm-4:00pm EST

You've heard it all. NFPA652, Dust Hazards Analysis, DHA, the brand new, game changing NFPA 660 even? You've even been and got a consultant in to do the necessary DHA. But do you want to know what to do next? Are you struggling to apply the DHA recommendations in a practical and cost-effective way? Or perhaps you are even wondering how you will arrange the mandatory revalidation and update of your DHA?

In this virtual training course, we are ready to guide you to all the answers. We'll give you

all the basics, tell you about your dust explosion lab results, and what they mean and will lead you to the next steps in your dust fire/ explosion control journey from first-time DHA through to revalidation, including preventing explosions and all the plant protection methods available. For more information and to register, **click here**.

Explosions - October 29 & 30, 2024, 1:00pm-4:00pm EST

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

This 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 - November 12 & 13, 2024, 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 enthral 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 - December 10 & 11, 2024, 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 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 same from the fire and explosion hazards presented by electrical equipment. For more information and to register, **click here**.

For more info & Registration

REQUEST A QUOTE

If you received this newsletter from a colleague and would like to sign up to receive our newsletters in the future -- Sign Up.