

We are



Dear Vahid,

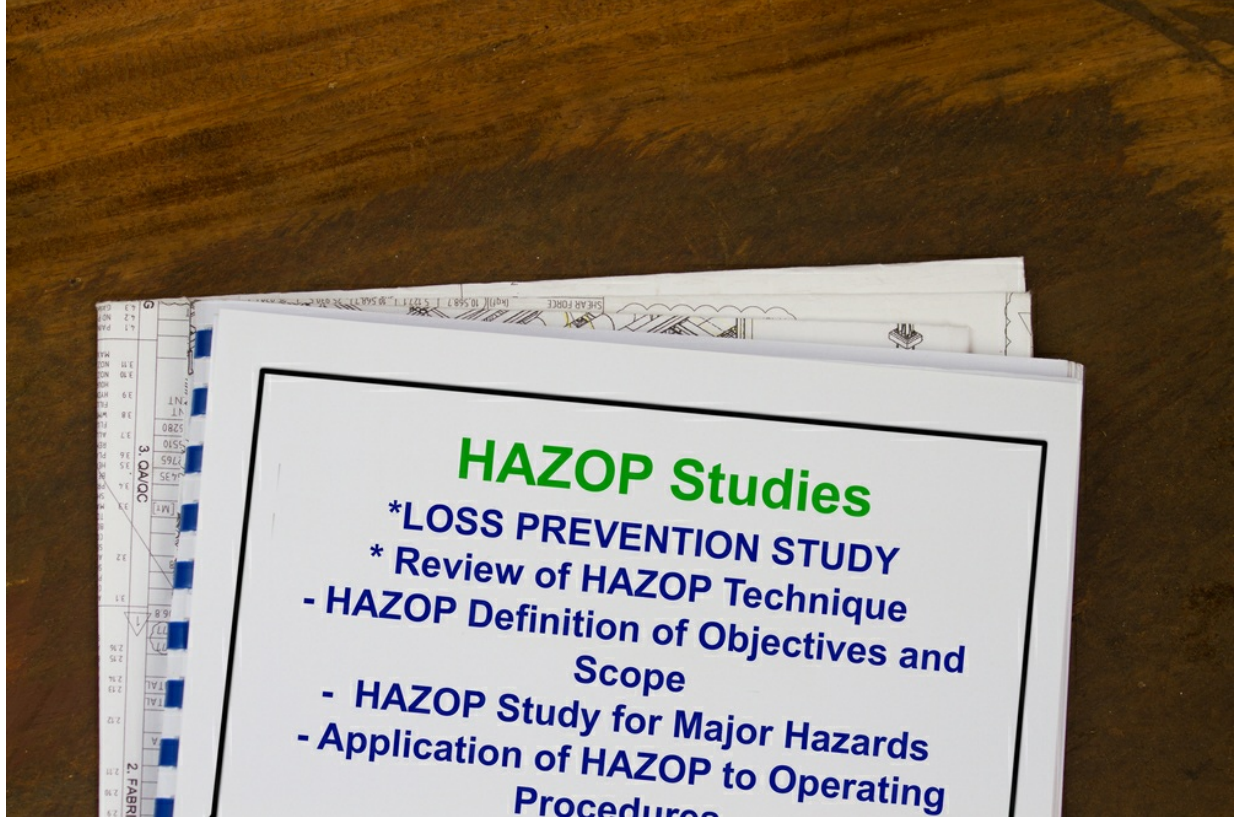
July 2023

Process Safety Dispatch

In this Issue

- Which Risk Assessment Technique for me?
- Fall 2023 Virtual Training Courses - EXPLOSIONS

Which Risk Assessment Technique for Me?



In the daring quest to identify, evaluate, and tame potential hazards lurking within industrial processes, risk assessment techniques come to the rescue. These techniques have a critical part to play as part of your [Process Safety Management](#) journey. In this opinion piece we review six widely used risk assessment techniques: What-if analysis, Hazard and Operability Study (HAZOP), Fault Tree Analysis (FTA), Quantitative Risk Assessment (QRA), Bowtie analysis, and Safety Integrity Level (SIL) analysis. By examining process safety situations where each technique excels or may fall short, we can gain a deeper understanding of their strengths and limitations, and perhaps help you in selecting the most appropriate technique to choose for your process risk assessment.

But whichever technique you select, we would welcome a call from you for a free of charge chat to talk you through the options. You might like us to [run a risk assessment for you](#), or we might add value by [providing specialist technical input](#) to your own risk assessment. But even if you do it entirely in-house, we're happy in the knowledge that we've been a [sounding board](#) for you to help you select the best technique for you.

So, what's it to be - the daring What-if analysis, the cunning HAZOP, the meticulous FTA, the quantitative QRA, the agile Bowtie analysis, or the vigilant SIL analysis? Let's find out....

[Read More](#)

**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:

Exploding Dusts - Sept 5 & 6, 2023, 1:00pm-4:00pm

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 our new live, bite-sized, 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 - Oct 24 & 25, 2023, 1:00pm-4:00pm

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

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 - Dec 5 & 6, 2023, 1:00pm-4:00pm

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](#)



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



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](#).

Stonehouse Process Safety | 11D Princess Rd, Lawrenceville, NJ 08648

[Unsubscribe mail@stonehousesafety.com](mailto:mail@stonehousesafety.com)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by mail2@stonehousesafety.com powered by



Try email marketing for free today!