

We are



Dear Vahid,

December 2022

## Process Safety Dispatch

### In this Issue

- New Resources and Exclusive Training Courses
- List of Recent Technical Articles



New Resources and Exclusive Training Courses. Bring on 2023!

It's that time of year again!

Time to look back at what was achieved over the past year and to provide you with our annual list of **free-of-charge technical resource articles**. But it's also time to look ahead and make plans. Coming up for you in 2023 are more opportunities to meet us - **AIChE, GCPS 2023** (our paper on static electricity), **new training** and professional development opportunities... and lots more beside.

Enjoy your festivities as 2022 draws to a close. We'll look forward to working with you next year!

## A trip down memory lane

You may have read this before:

*"Stonehouse Process Safety Inc, began with a germ of an idea from a small group of process safety seniors, sitting round a table together in Princeton, NJ; that was Fall, 2017. We believed then that there was a space for a new kind of process safety company. One that was **customer focused, highly responsive, practical with its advice, and cost-effective to engage**; and one that strived for the highest levels of **quality**, where we could share with you our lifetime of knowledge, experience, and passion for process safety!*

*The Stonehouse Process Safety seed was planted."*

My colleagues and I are so pleased that from that seed, a plant has grown. The plant has been carefully nurtured and has now blossomed into something in which we feel pride; and a source of process safety services that we know from your comments has been very well received. Of course, rapid growth has its challenges and, as always, we welcome your **comments** on how we can do even better to serve your needs.

**Stonehouse Process Safety Inc** is now a fully resourced process safety service provider which, thanks to our brilliant process safety professionals, has developed into an important resource for all your process safety needs. Everything from combustible dust **testing**, gas/vapor testing, field and laboratory electrostatic testing (ISO/IEC 17025:2017 accredited) ... to our multidisciplinary **consulting** services on topics such as Dust Hazards Analysis (DHA) and DHA revalidation, gas/ vapor flammability, incident investigation, Process Safety Management, HAZOP studies and much more.

## New for 2023

Our biggest development last year was creation and trialling of a suite of **new process safety courses**. We've regularly delivered in-company training for many of our clients and indeed we have been regular speakers at national and international events through the years. Last year, though, we launched **FOUR new courses** to be delivered interactively and on-line to registered participants. It worked as well as we had hoped... so 2023 brings some **4 opportunities for more training and professional development**. For a listing of upcoming courses and to register:

[For more info & Registration](#)

## How we can help your company

To us, 'raising the bar' in process safety services provision involves building strong, trusted relationships with our contacts and clients. We encourage lots of discussion to formulate projects. We help, discuss, and provide first-line advice, **without charge**, on any process

safety matter, whether or not it becomes a project for us.

Please feel free to call us at 609-455-0001 or email us at [info@stonehousesafety.com](mailto:info@stonehousesafety.com) or visit our [website](#) for more information.

Wishing you a happy & successful New Year.

Vahid Ebadat, Ph.D.  
CEO

## Stonehouse Process Safety

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### 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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## List of Recent Technical Articles (Click links below)

### Dust Explosions

- It's Time to Review and Update your DHA (Dust Hazards Analysis)
- Dust combustibility – why accurate results matter
- The Tale of the Process Engineer and the Dust Explosion Specialist
- Combustible Dust – 10 NFPA Codes and Standards!

### Hazardous Area Classification

- Hazardous Locations: From Davy Lamp to Flameproof Equipment
- Explainers: Hazardous Location Classification
- EXPLAINERS: Understanding Classification of Hazardous Locations
- SHRINK Your Classified Hazardous Areas to Reduce Risk (and save money)!

## Static Electricity

- Static Electricity Hazards from Splash Filling, Steam Leaks, Spray Washing ...
- So how do people become electrostatically charged in an industrial setting? – A lesson in static electricity

## Flammability

- What are flammable and combustible liquids?
- Nitrogen Gas to Prevent Explosions and Fires; Nitrogen Gas as a Killer
- So, What Exactly Exploded? Hybrid Mixtures

## Transport of Dangerous Goods

- Moving Dangerous Materials!

## Cases in the news

- The Chittagong Explosion – and Hydrogen Peroxide
- Fatal Blender Explosion: It does not have to be this way
- COMPARED: A Solvent Vapor Explosion in Germany & a Combustible Dust Explosion in North America

## Process safety

- Intrinsic Safety – what's it all about?

## Explainers

- What is the difference between a fire and an explosion?
- What are flammable and combustible liquids?

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If you would like a quote for any of our testing and/or consulting services, please click on the button below. We will get back to you promptly with your proposal.

**REQUEST A QUOTE**

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