

We are



Dear Vahid,

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Process Safety Dispatch

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The Importance of Electrostatic Hazard Analysis in Process Safety



In the realm of industrial process safety, static electricity is a deceptively simple phenomenon that can lead to devastating consequences. While general [hazard analysis](#) methods such as HAZOP (Hazard and Operability Studies), What-if, and Fault Tree Analyses are essential pre-start-up, they often do not provide sufficient detail for the elimination of electrostatic hazards. [Electrostatic hazards](#) require **specialized expertise** and **separate analysis** to ensure comprehensive risk management - expertise that is typically not available within processing or indeed within generalist process safety consulting companies.

This article emphasizes the importance of using specialist on-site electrostatic knowledge by examining a case history that highlights potential gaps in traditional hazard assessments. We believe these gaps can best be filled with **specialist electrostatic hazard analysis and additional training for staff on this specific subject.**

[Read More](#)

**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.

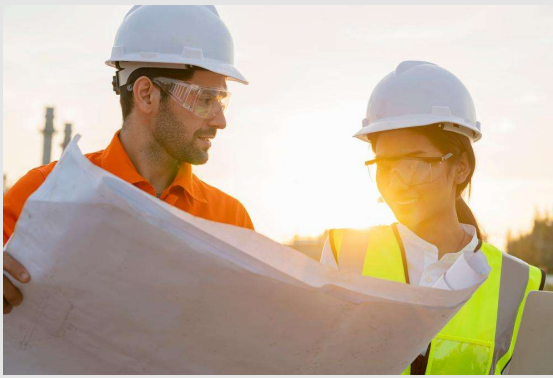
We hope you can join us on-line starting in January for all our virtual and live, bite-sized training events!

Upcoming Virtual Training Courses

Hazardous Area Classification - June 11 & 12, 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 safe from the fire and explosion hazards presented by electrical equipment. For more information and to register, [click here](#).



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