

We are



Hello,

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Process Safety Dispatch

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Do your own Dust Hazards Analysis (DHA)? and How to find a competent DHA consultant

I think we all know very well by now that, according to NFPA 652, the owner/operator of a facility handling potentially combustible dust is responsible for:

- Determining the combustibility and explosibility hazards of materials handled/processed
- Identifying and assessing fire, flash fire, and explosion hazards
- Managing the identified fire, flash fire, and explosion hazards, and
- Establish written safety management programs



At the center of all of this is the requirement to perform a Dust Hazards Analysis (DHA) - A DHA is a systematic review to identify and evaluate the potential fire, flash fire, and explosion hazards associated with the presence of combustible particulate solids in your facility. **But how do you comply with this?** Should it be performed internally, by you or by one of your own staff; or should you go looking for 'an expert' to come in and do the DHA for you?

You will not be surprised to hear that at Stonehouse, as specialists in dust explosion prevention and protection, we speak to many companies who are grappling with these questions. We thought you might like to hear the arguments, for and against the DIY approach. We also present some of the points you may wish to consider if you decide to search for and appoint a DHA 'expert'. [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

Electrostatic Hazards: The Barton Solvents Explosion Revisited



Once in a while a process safety incident occurs that registers in the mind of everyone operating a chemical plant. At Stonehouse, we find it useful to occasionally look back on these incidents; to read and to humbly re-learn the lessons that are as relevant today as they were back in 2007 when this particular explosion occurred - in Wichita, Kansas. We hope you agree with us.

The incident in questions led to the evacuation of 6,000 residents from their homes, destroyed a tank farm and caused significant disruption to Barton Solvent's business. It aroused

the interest of the U.S. Chemical Safety Board (CSB) which set about an investigation culminating in the preparation of a report and video from which everyone can learn (ref 1.) All this because of the tiniest of electrostatic 'sparks'. [Read more...](#)

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](#)

Free On Demand Webinars

[Combustible Dust Hazards: Assessment, Prevention and Protection Including the Requirements of NFPA 652 \[watch\]](#)

[Electrostatic Hazards in Processing Industry: The Nature of the Problem and Practical Measures for its Control \[watch\]](#)

[Fire and Explosion Hazards: How to Identify and Control Them in Your Process \[watch\]](#)

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