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Dear Vahid,

September 2022

## Process Safety Dispatch

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- Virtual live Training - EXPLODING DUSTS - Oct 18 & 19
- NFPA 61 - How to Comply

### It's Time to Review and Update your DHA (Dust Hazards Analysis)

*Many companies are now reviewing their initial DHAs, performed as a requirement of NFPA 652 (Standard on the Fundamentals of Combustible Dusts). Why are they doing this now and should you?*



Following a series of severe industrial dust explosions in North America, the National Fire Protection Association released their [NFPA 652 Standard on the Fundamentals of Combustible Dusts](#) back in 2015. This was seen as an important step in helping industry reduce its risk of dust explosion and fire. That standard introduced the concept of the DHA (Dust Hazards Analysis) with the following text:

“The owner/operator of a facility where powders that have been determined to be combustible or explosible [...] are present in an enclosure, shall be responsible to ensure a DHA is completed. “

Furthermore, in the 2019 edition of the same standard is stated

“The DHA shall be reviewed and updated every 5 years.”

In fact, the 5-year expiry date of current DHA’s is **only one reason** why companies are asking us to help with **review** and **update** of their DHA. **In this article we look at the reasons why you may now want to check and revise YOUR INITIAL DHA** Some reasons are quite surprising; so, read on....

[Read More](#)

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**Upcoming Virtual Live Training Course**  
- Exploding Dusts - Oct 18th & 19th



## Exploding Dusts

You've heard it all. NFPA 652, 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 info & Registration](#)

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## How to Comply with NFPA 61: Standard for Prevention of Fires and Explosions in Agricultural and Food Processing Facilities



NFPA 61 is relevant to all businesses that handle or process dry agricultural bulk materials. We explain here what NFPA 61 is all about, it's relevance to the food and agriculture sector, and how Stonehouse can assist your business with compliance.

### What is NFPA 61?

NFPA 61 is a technical standard prepared by the National Fire Protection Association (NFPA) that provides information to help you identify and manage fire, flash fire, and explosion hazards of combustible dusts and particulate solids found in **agricultural and food processing**.

NFPA 61 sets out to provide guidance on the **minimum general requirements** to:

- Protect **all** people from serious injury from flash fires and explosions, and to protect property,
- Limit consequential damage and ensure that production, and operating capability of the facility is to a level that the owner/operator can accept,
- Protect adjacent and neighborhood buildings, enclosures, facilities, and emergency life safety systems – and the environment,

NFPA 61, if properly adopted and implemented, will help you protect your facility, protect your community and environment, and will assure your production and operating capability for the long-term.

NFPA 61 is an industry-specific standard that is referenced by NFPA 652, Standard on the Fundamentals of Combustible Dusts. It sits alongside the other industry-specific standards NFPA 484, NFPA 654, NFPA 655 and FPA 664 that cover such industries as metals, chemicals, sulphur and wood processing/ woodworking facilities.

[Read More](#)



- 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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