NFPA 652 Compliant
Dust Hazard Analysis (DHA)

FAUSKE & ASSOCIATES, LLC
World Leader in Nuclear and Chemical Process Safety

WHY DO I NEED A DHA?

- All existing facilities handling a combustible dust must have a DHA completed

  (Deadline was September 7, 2018)

- Any modifications to an existing process with costs that exceed 25% of the original installation costs requires a DHA

- Per NFPA 652, the owner/operator of the facility is reponsible for:

  1. Characterizing combustible materials
  2. Identifying hazards
  3. Mitigating those hazards
  4. Communicating hazards to the workforce

OUR 3 STEP APPROACH

1. Characterize

Understanding the combustible nature of your materials helps us identify which materials are combustible and where credible explosion or fire hazards exist in your facility. Our safety professionals will work with you to identify key data points to ensure that the information is used to make decisions aimed at improving the safety of your facility.

2. Identify

Per NFPA 652, an explosion hazard exists in a process or facility when a sufficient amount of combustible dust, a credible ignition source, an oxidizing atmosphere, and a credible means for dispersion are all present for a given scenario. A few key words jump out in this definition; sufficient and credible. Our safety professionals identify hazardous areas by focusing on credible scenarios where a sufficient amount of dust is or could be present.

3. Mitigate

The ultimate goal of a DHA is to protect your employees and assets from the effects of combustible dust fires and explosions. Properly characterizing your materials and identifying credible hazards in your process environment enables you to begin the process of risk reduction or mitigation. Fauske & Associates, LLC (FAI) leverages years of process and combustible dust management experience to provide you with recommendations to mitigate the combustible dust hazards in your facility.