

Register Today!
*Combustible Dust and
NFPA 25 Seminar
June 30th, 2009*

Company Name:

Company Address

City:

STATE — Zip: _____

Phone #:

Email: _____

Attendee Name 1:

Email 1:

Attendee Name 2:

Email 2:

Attendee Name 3

Email 3:

Combustible Dust & NFPA 25 Seminar



**Tuesday, June 30, 2009
8:00 am - 12:00 Noon**

*Held at the Safety Council of
Northwest Ohio
8015 Rinker Pointe Ct.
Northwood, Ohio 43619*

Safety Council of Northwest Ohio
8015 Rinker Pointe Court
Northwood, Ohio 43619
(419) 662-7777
www.scrnw.ohio.com

Non-Profit Org.
U.S. Postage
PAID
Toledo, Ohio
Permit # 329

Dust!



The processing and handling of many materials creates fine particles, commonly referred to as dust. Airborne dust, in even small concentrations within a closed space, can pose a serious explosion hazard. Over the past few decades, there have been scores of industrial dust explosions, resulting hundreds of deaths and many more injuries.

Often things that might not normally be considered to be flammable can be highly explosive, if the particles are fine enough. Dust from metals, such as aluminum, magnesium and even iron, can be highly explosive. Plastics, biosolids, sugar, soap, dried blood, wood, coal, paper, and many textiles can also create dust explosion hazards. Those most closely at risk often do not realize the danger, until after a serious incident has occurred

A combustible dust explosion hazard may exist in a variety of industries, including: food (e.g., candy, sugar, spice, starch, flour, feed), grain, tobacco, plastics, wood, paper, pulp, rubber, furniture, textiles, pesticides, pharmaceuticals, dyes, coal, metals (e.g., aluminum, chromium, iron, magnesium, and zinc), and fossil fuel power generation.

The goal of this program is improve workplace safety by raising the awareness of employees and employers to the potential hazard posed by airborne particulates. Additionally, the presenters will discuss NFPA 25, the fire code that relates to Fire Protection Systems, their components, and proper maintenance.

Program participants will gain an understanding of combustible dust danger in their industry; the Dust, Fire and Explosion Pentagon; and methods to prevent or mitigate the effects of a combustible dust explosion and resulting fire.

In March 2008, OSHA reissued its directive on the Combustible Dust National Emphasis Program to increase its enforcement activities. This was in response to a catastrophic combustible dust explosion. Sebench Engineering is currently working with OSHA to develop new guidelines relating to dust hazards and mitigation.

Presenters:

Nicholas **Mariano**, PE, CFPS
Michael Swain, PE, MBA

Sebench Engineering

Date and Time

Tuesday, June 30th, 2009
8:00 am - 12 noon

Program

This program will cover the following topics:

- Dust Explosion Hazards
 - How can dust explode?
 - Code Requirements
 - OSHA
 - Solutions
- NFPA 25
 - What is NFPA 25?
 - Developing a Fire Protection Maintenance Program
 - Maintenance – When, How, and by Whom
 - Fire Pumps
 - Sprinkler Systems

Location

Safety Council of Northwest Ohio
8015 Rinker Pointe Court
Northwood OH, 43619

Investment

SCNWO Members \$125* per person
Non-members \$150* per person
Includes a continental breakfast

Cancellations less than 24 hours in advance and no-shows are responsible for the full registration fees. Substitutions may be made at anytime. Non-members must prepay to register.