

**Comprehensive Explosion Protection Solutions**

Evaluation | Design | Procurement | Compliance

**COMBUSTIBLE DUST NATIONAL EMPHASIS PROGRAM**

The Occupational Safety and Health Administration (**OSHA**) has reissued a new directive (CPL 03-00-008) Combustible Dust National Emphasis Program, which became effective March 11, 2008.

OSHA is reissuing this NEP to increase its enforcement activities and address the deflagration, fire, and explosion hazards that may exist in facilities handling combustible dust. As a result of a catastrophic accident from a dust explosion at a sugar refinery in February 2008, OSHA has intensified its focus on dust explosion hazards. The U.S. Chemical Safety and Hazard Investigation Board (CSB) found nearly 280 dust fires and explosions have occurred in U.S. facilities over the past 25 years, resulting in 119 fatalities and over 700 injuries.

OSHA offices are directed to inspect facilities that generate or handle combustible dusts, which pose an explosion or fire hazard. Types of dusts include, but are not limited to: sugar, metal, wood, coal, plastic, biosolids, agricultural, paper, soap, dried blood, and certain textiles.

**TARGET LIST**

A master list of facilities to be targeted for inspections has been prepared. This list includes facilities that handle combustible dusts. These include, but are not limited to: agriculture, chemicals, textiles, forest / furniture, metal, tire / rubber, paper, pharmaceuticals, wastewater treatment, recycling (metal, paper, plastic), and coal.

**AVOID OSHA CITATIONS AND FINES**

Process Protection Inc (PPI) can assist you in avoiding potential citations / fines from an OSHA inspection by:

- **Determining your explosion risk.**  
By conducting a hazard analysis of your process, products, and facility PPI can help determine the risk level and provide required documentation.
- **Providing the best non-biased protection solution.**  
Based on latest technologies, we can provide the most cost effective solutions to minimize your risk, as well as support the implementation.
- **Insuring compliance to codes and standards.**  
OSHA inspectors will utilize the requirements from National Fire Protection Association (NFPA) standards (654, 68, 69, 499, 70, 77, 484, 664, 85) and Factory Mutual Global data sheet (7-76) as their focus. We can determine if your facility is in compliance with these codes and standards, and where applicable, advise what actions are needed for compliance.

For more information, contact Process Protection Inc. at **913-481-2587**