



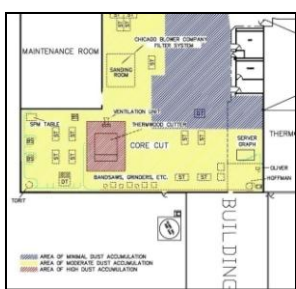
COMBUSTIBLE DUST CONSULTING

HAZARD ANALYSIS • DESIGN • TRAINING

Conversion Technology, Inc. (CTI) is experienced in identifying and reducing hazards from combustible dust at industrial facilities. Our licensed Professional Engineers are knowledgeable of NFPA and OSHA standards and are available to assist you.

HAZARD ANALYSIS

- * Evaluate combustible dust handling and generating processes at a facility
- * Identify potential failure modes and ignition sources
- * Document the locations and severities of hazards
- * Provide recommendations designed to reduce risk



Dust Accumulation Diagram

ENGINEERING DESIGN & NFPA COMPLIANCE REVIEW

- * Design of equipment to minimize fugitive dust
- * Evaluate compliance with NFPA, OSHA, and/or local standards
- * Hazardous (classified) Location determination for electrical classification
- * Design and selection of explosion protection equipment



Fugitive Dust Accumulation

COMBUSTIBLE DUST SAFETY PROGRAMS

- * Develop facility-specific or corporate-wide Combustible Dust Safety Program
- * Establish safe work practice to reduce combustible dust hazards



Dust Collector with Deflagration Vent to the Outside

TRAINING AND IMPLEMENTATION

- * Develop site specific training for employees
- * Present educational training for engineers and managers
- * Assist in the implementation of safety programs and policies

CTI is a full service Environmental, Health and Safety consulting and engineering firm with over 20 years of experience in assisting facilities to obtain and maintain compliance. If you have any questions, or would like to discuss our services in further detail, please call us at (770) 263-6330, or email to cti@conversiontechnology.com.

