

# Silica Dust Dangers and Safety Measures – Picture This



## FILTERING OUT THE FACTS: SILICA DUST

180 facility decision makers answered questions on their thoughts and strategies behind reducing silica dust exposure and a new rule that OSHA estimates will save over 600 lives each year.

### WHAT IS SILICA?

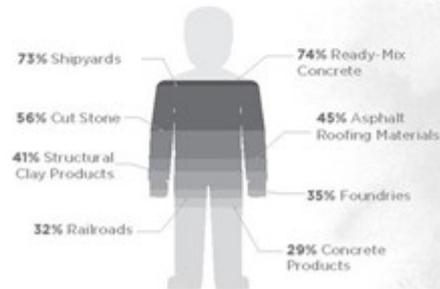
Respirable Silica Dust is created by cutting, sawing, grinding, drilling and crushing silica producing materials.



RESPIRABLE CRYSTALLINE SILICA IS AT LEAST 100 TIMES SMALLER THAN SAND



### WHO IS AFFECTED?



Percent of workers currently exposed to respirable crystalline silica dust above the permissible exposure level

### WHAT MATTERS MOST?

- +** 69% feel the health and safety of employees is the most important factor driving compliance.
- ?** Approximately 50% of the customers we surveyed have Silica Dust above the Permissible Exposure Level, or don't know if they are in compliance.
- 🚧** 86% of facilities have already started or plan to implement a new processes to meet the OSHA regulation before 2018.

### SOLVING FOR SILICA DUST

**!** 55% have a high urgency in complying with this new rule.

#### MOST COMMON HOUSEKEEPING PROCESSES PLANNED TO HELP CONTROL SILICA DUST



#### CLEANING METHODS LIKELY TO ADOPT



\*Dry sweeping with HEPA filtration is only acceptable when other methods are not feasible.

