

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.

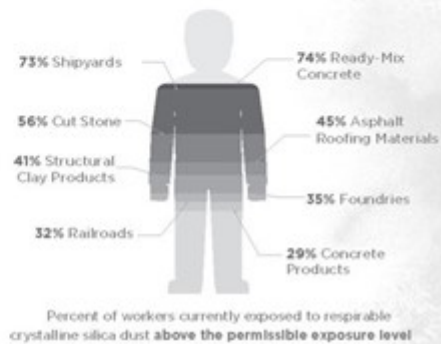


RESPIRABLE
CRYSTALLINE SILICA IS
AT LEAST 100 TIMES
SMALLER THAN SAND

500
MICROGRAMS
SILICA



WHO IS AFFECTED?



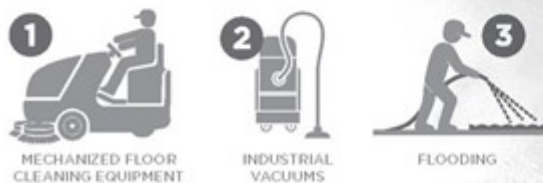
WHAT MATTERS MOST?

- 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.

Source: <https://www.tennantco.com/>