



# 11 FACTS YOU MUST KNOW ABOUT SILICA

*BONUS: an easy-to-use and track, ready to go training for your employees.*



FACT NUMBER ONE

# SILICA IS NATURALLY OCCURRING

Crystalline Silica is a naturally occurring dust that is common in most industries.

Silica is even included in some foods. However, if it is not handled correctly it can have terrible side effects.

FACT NUMBER TWO

# Hundreds Die From Silica Dust

Each year hundreds of american workers die from silica dust exposure.

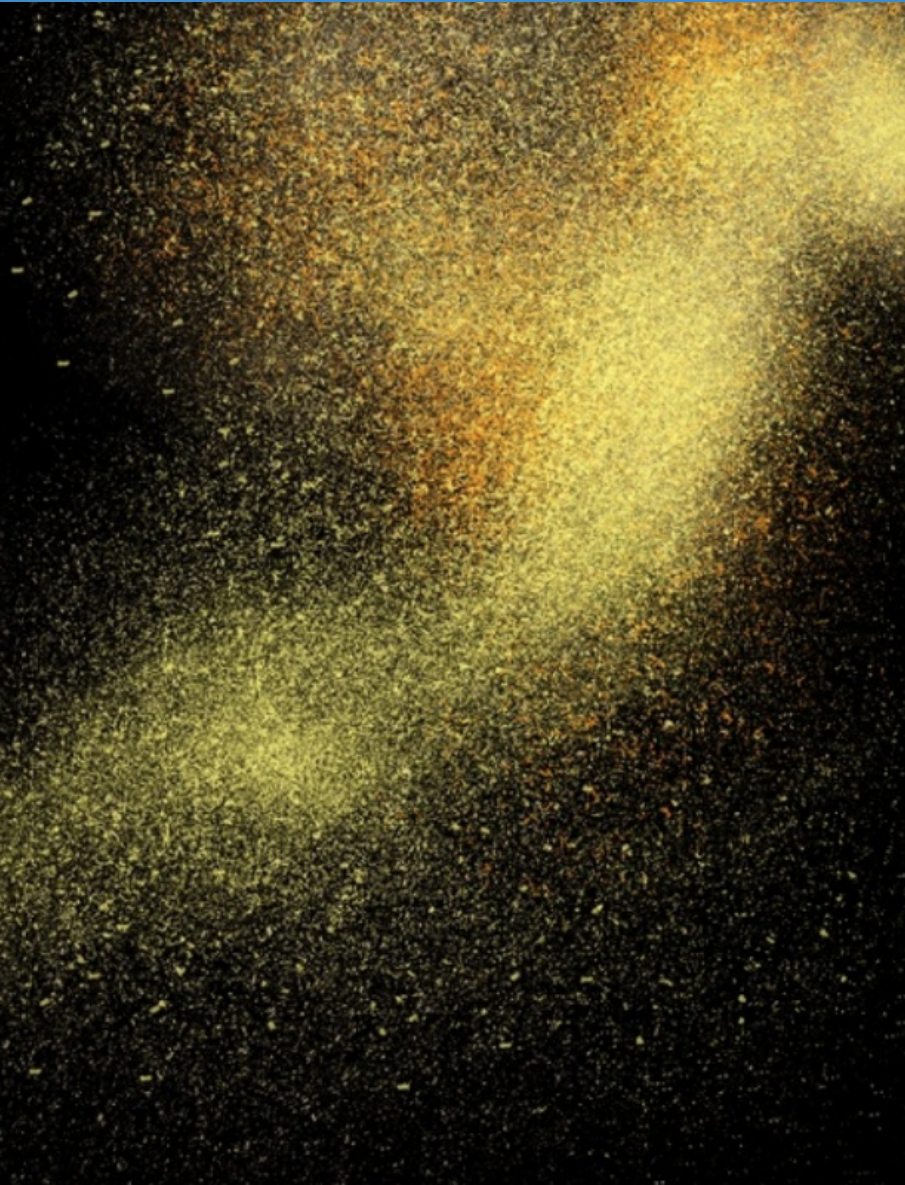


FACT NUMBER THREE

# MOST COMMON FORM IS QUARTZ

Silica is found most commonly by breaking into the earth's crust. The most common form of silica is quartz.

Drilling, cutting, or simply creating dust can cause silica dust to appear in the air.



FACT NUMBER FOUR

# PROLONGED OR INTENSE EXPOSURE TO SILICA DUST IS HARMFUL

If you have not caught on yet the harmful part of silica is the dust.

The dust is referred to as respirable crystalline silica.

Dust can be inhaled and cause lung scarring, cancer, silicosis, and more.

FACT NUMBER FIVE

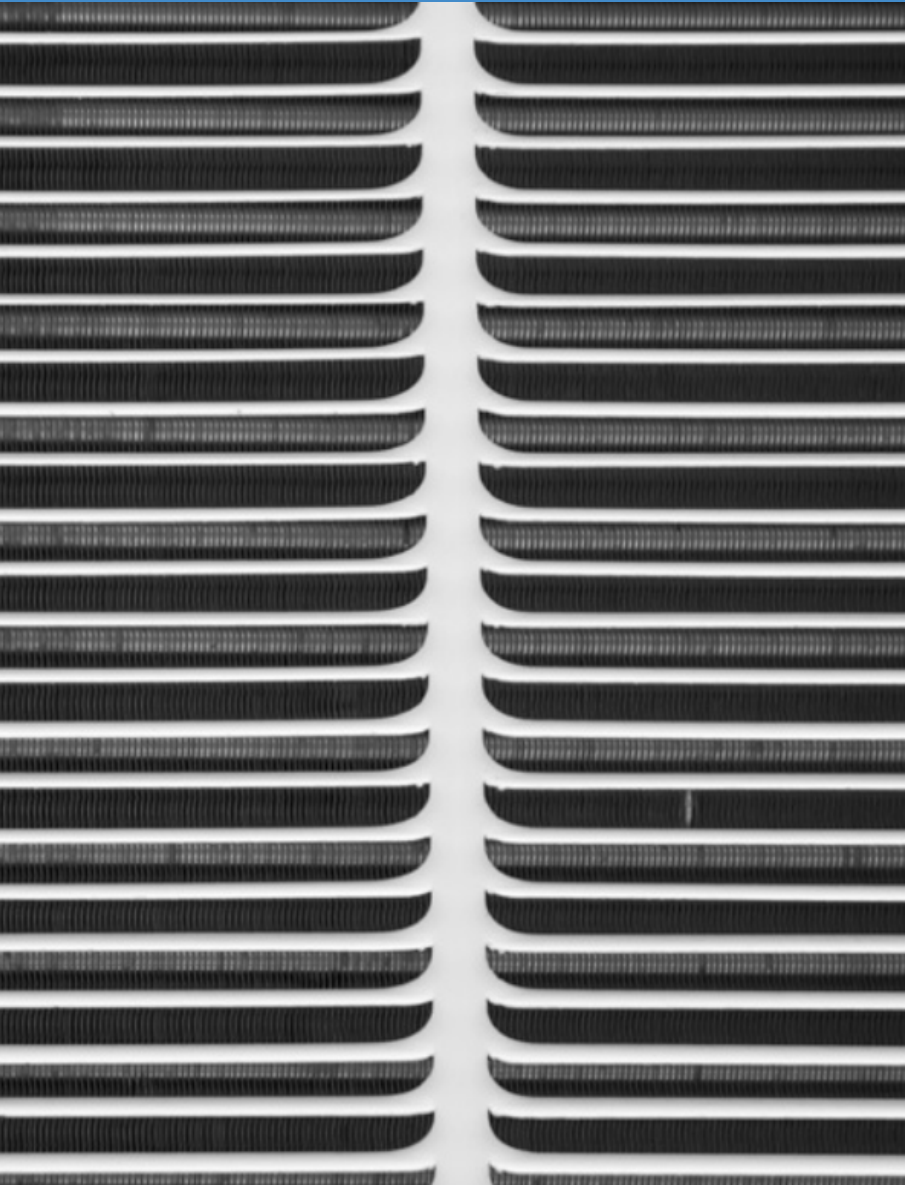
# Silicosis Causes Respiratory Failure

Currently there is no cure for silicosis. This disease can be fatal.

# TRAIN YOUR EMPLOYEES ON SILICA DUST

**GET TRAINING**





FACT NUMBER SIX

## AIR QUALITY IS CRUCIAL

If you have a work environment with air quality levels that measures 25 micrograms per cubic meter of air of silica dust you must follow certain requirements.

An example requirement would be providing a silica dust exposure plan to your employees.





FACT NUMBER SEVEN

# MEDICAL EXAMS ARE REQUIRED

An employer must offer free check-ups/medical exams to all employees who are exposed to certain levels of silica dust.

FACT NUMBER EIGHT

# You Can Reduce Silica Dust Exposure

Two common ways to help reduce silica exposure are through isolation and ventilation.



FACT NUMBER NINE

# GOOD HOUSEKEEPING IS A MUST

It is crucial to enforce good housekeeping when working with silica.

Using water to clean floors and wearing disposable clothes are two examples of good housekeeping measures.

You should never clean work areas with pressurized air.

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#### FACT NUMBER TEN

# TABLE 1 HAS BENEFITS FOR EMPLOYER AND EMPLOYEES

Table 1 is a list of tasks or equipment for the construction environment. This table also provides any added requirements or safety information the employee needs to know before performing the task.

Employers who implement table 1 are not required to measure exposure to silica dust.



FACT NUMBER ELEVEN

# MOST ILLNESSES DEVELOP OVER MONTHS OR YEARS OF EXPOSURE

Silica dust is can be very harmful if not handled correctly.

Employees are at a higher risk if they work with silica dust for longer periods of time or at a stronger intensity.

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