

What is Crystalline Silica?

Crystalline Silica (Quartz) is the basic component of many minerals including:



Granite



Soil



Sand



HEALTH HAZARD

Human Lung Carcinogen

Silica dust particles create scar tissue in the lungs decreasing the amount of oxygen absorbed

Prolonged exposure to crystalline silica can lead to silicosis

Symptoms include:

Shortness of breath
Lung infection

Weakness
Death

Weight loss

NEW REGULATIONS

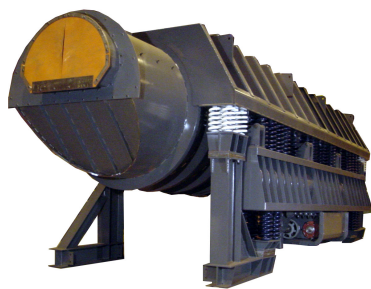
The new OSHA Permissible Exposure Limit, or PEL, is **50 µg/m3** with an action level of **25 µg/m3** during an 8-hour shift and requires a hazard.



WHAT YOU CAN DO

- Wear an N95 NIOSH certified respirator.
- Wear disposable or washable work clothes.
- Control dust exposure with water sprays.
- Be aware of your silica environment.
- Shower and change into clean clothes when leaving work-site.
- Do not eat, drink, smoke, or apply cosmetics in silica environment.

Get a health screen



Eliminate exposure with General Kinematics

VIBRA-DRUM® Sand and Casting Conditioner **and** SPIRA-COOL® Casting Cooling Conveyor

Closed designs eliminate airborne silica particles

Your Safety is Important to Us.