

KÄRCHER

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makes a difference



SILICA DUST EXPOSURE PLAN

Solutions for OSHA silica dust mitigation

THE PROBLEM

Silica Dust exposure poses serious health threats to workers

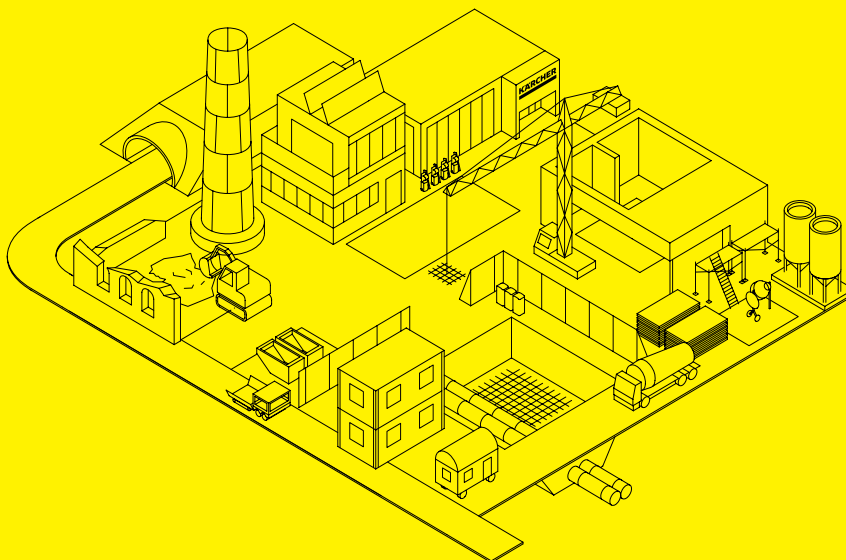
Crystalline silica is a common mineral found in the earth's crust. Respirable crystalline silica dust is created from various industrial practices, such as cutting stone. This dust, with enough exposure, is harmful to humans, and can cause life threatening illnesses, such as lung cancer.

100 RESPIRABLE CRYSTALLINE SILICA IS 100 TIMES SMALLER THAN A GRAIN OF SAND FOUND ON A BEACH

5 FIVE COMMON INDUSTRIAL PRACTICES THAT CAUSE RESPIRABLE CRYSTALLINE SILICA: CUTTING, SAWING, GRINDING, DRILLING AND CRUSHING ROCK, STONE, CONCRETE, BRICK, BLOCK AND MORTAR.

2.3 ACCORDING TO THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, ABOUT 2.3 MILLION WORKERS IN THE U.S. ARE EXPOSED TO RESPIRABLE CRYSTALLINE SILICA ON THE JOB.

2017 SEPTEMBER 2017, OSHA BEGAN ENFORCING NEW PROVISIONS FOR RESPIRABLE CRYSTALLINE SILICA STANDARDS.



COMMON INDUSTRIES WITH RESPIRABLE CRYSTALLINE SILICA

- Construction
- Foundries
- Fracking
- Roofing
- Dental Laboratories
- Railroads
- Shipyards
- Oil and gas operations
- Concrete plants
- And many more...

THE SOLUTION

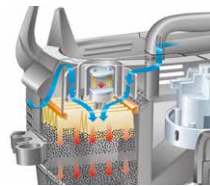
Kärcher offers OSHA compliant silica dust control methods

OSHA is requiring employers to keep silica dust exposures at or below PEL (Permissible Exposure Limit) by wetting down dust before sweeping it up, using local exhaust ventilation (such as vacuums) and enclosing an operation.

Kärcher offers OSHA compliant wet / dry vacuums with HEPA filtration, ride-on sweepers and scrubbers with misting systems and dust cover for standard methods of clean up without creating additional dust.

NT VACS

OSHA compliant with HEPA filtration



- Up to 229 cfm
- Up to 17.2 gallon tank capacity
- Switch from dry to wet work without changing filters
- Fully compliant with new OSHA silica dust regulations and HEPA filter standard on most models
- EASY! Operation switch for easy handling
- TACT (Trigger Air Draft Cleaning Technology) self cleaning filter system for uninterrupted cleaning
- Models include: NT 30/1 Tact Te, NT 40/1 Tact Te, NT 50/1 Tact Te and NT 65/2 Tact²

SWEEPERS AND SCRUBBERS

With dust cover, spray misting system and side brush options



- Area performance: Up to 193,752 ft² / hr for ride-on KM sweepers and up to 107,640 ft² / hr for B scrubber
- Up to 132 gallon tank capacity for KM sweepers and up to 66 gallon tank capacity for B 250 scrubber
- Spray misting system available for wet sweeping
- Low profile side brush options for dust control
- Snap on side broom cover for dust control
- Fully hydraulic drive and sweeping system (most models)
- Ride-on models include: KM 130/300 R BP or LPG, KM 150/500 R BP or LPG, KM 105/115 R Bp, KM 125/130 R Bp and B 250 R

Please contact us for
more information:

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