

ANOTHER ONE

FIGHTS THE DUST

Silica dust in the manufacturing industry

If you work in the manufacturing industry, it is likely you are exposed to silica dust.



What is silica dust?

Silica is found in many materials. Silica dust is generated when silica-containing materials are cut, crushed, drilled, ground, polished, sanded, sawed or disturbed with force.

Reducing exposure to silica dust

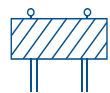
Following the Hierarchy of Controls is the most effective way to reduce your exposure to silica dust.

It may not always be possible to **eliminate** silica dust from your workplace. If you cannot eliminate it, you must follow control measures from the highest level of effectiveness to the lowest.



Substitution

Use alternative materials that have a lower silica content or choose products that do not contain silica.



Isolation

Designated enclosed areas such as sealed blast chambers, glove boxes, fume hoods and cabinets for dust generating processes.



Engineering

Use on-tool extraction and dust suppression by filtration, extraction or mechanical ventilation.



Administrative

Ensure areas where silica-containing materials are worked on, including machinery, are maintained and regularly cleaned.



Personal Protective Equipment (PPE)

Wear approved and correctly fitted respiratory protective equipment. This includes face fit testing to ensure a proper seal.



You should never rely solely on PPE to protect yourself from silica dust.