

Hazardous Dust

WHAT IS HAZARDOUS DUST?

Hazardous dust includes dust from wood, mould spores, asbestos, glass wool, respirable quartz, and other materials which, when inhaled, can spread cancer-causing particles throughout the lungs. Known as H-class dust, it can come from the following materials, among others:



You are at risk for developing serious lung illnesses, including asthma or cancer, if you inhale hazardous dust.

WHO IS AT RISK?

Anyone who works with materials that can release H-class dust may be exposed.



Building & Construction
Renovation
Other industries

PROCESSES THAT GENERATE HAZARDOUS DUST:



Cutting



Jackhammering/
rock crushing



Drilling



Grinding



Chasing



Sawing/milling



Sandblasting



Sanding

PROTECT WHAT MATTERS

The right dust-extraction equipment protects not only you, but also your colleagues and work environment.

You need to utilise the right respiratory protection, but a H-class dust extractor is also necessary.

These double-filter equipped machines collect hazardous dust in a sealable bag designed for safe handling and disposal. This bag prevents any dust from escaping once collected.



Nilfisk recommends using a H-class dust extractor for any process that may generate hazardous dust

How to select the right dust extractor

WHAT KIND OF DUST ARE YOU GENERATING?

MEDIUM-RISK DUST, E.G.:

- Pine-wood dust
- Grout
- Filling materials
- Lacquer/varnish
- Plaster
- Cement
- Concrete
- Tile adhesive
- Paint (i.e. latex/oil-based)



Choose a M-class dust extractor

LOW-RISK DUST, E.G.:

- Household dust
- Dirt



Choose a L-class dust extractor

HIGH-RISK DUST, E.G.:

- Respirable quartz
- Silica dust
- Hardwood dust
- Mould spores
- Asbestos
- Lead dust
- Mineral fibre
- Asphalt
- Synthetic mineral fibre (i.e. glass wool)
- Dust from quartz-based materials



Choose a H-class dust extractor

IF YOU ARE PROCESSING CERTAIN M-CLASS MATERIALS, YOU MAY BE GENERATING RESPIRABLE QUARTZ, AN H-CLASS MATERIAL.

Use an H-class dust extractor for:



Grinding



Drilling



Cutting



Sanding



Chasing

OF THE FOLLOWING MATERIALS:

Concrete, Brick, Granite, Sand/Gravel, Tiling and Mortar



Nilfisk recommends using a H-class dust extractor for any process that may generate hazardous dust