

INDUSTRY RISKS

QUARRYING + AGGREGATES

OVERVIEW

World Green Building Council reports every year about 100 billion tonnes of hard rock and other raw materials are extracted in quarrying for use across industrial sectors globally. When demolished, drilled into or blasted, these fine materials can become respirable and airborne, posing serious health risks to workers.

KEY STATISTICS

- World Green Building Council reports that every year about **100 billion tonnes** of hard rock and other raw materials are extracted for use across the buildings and construction sector globally
- UK Green Building Council reports that in the UK, construction, demolition and excavation account for **60% of material use**
- **1/5 (21%) people** in the mining and quarrying sectors have been harmed at work in the past 2 years according to Lloyd's Register Foundation



WHAT ARE THE RISKS?

Particulate	Gas
Construction dust	Carbon Monoxide
Diesel Engine Exhaust Emissions	Hydrogen Sulphide
Quarry + aggregate dust	Formaldehyde
Respirable Crystalline Silica (RCS)	Flammable gases
	Methane

WHY MAY THESE RISKS OCCUR?

Particulate	Gas
Cutting into hard rocks	Blasting rock + other raw materials
Drilling into hard rocks	Handling hard rocks
Demolition of hard rocks	Processing rocks + raw materials
Use of certain machinery	Transportation of materials
Transportation of hard rocks	Use of explosives
	Use of diesel vehicles

ENHANCE YOUR WORKPLACE SAFETY

See how you can make use of AIR X Particulate Monitoring and Gas Detection technology at trolex.com/products to safeguard against risks in your industry.