

CASE STUDY: UNDERGROUND MINING



Work effortlessly and comfortably with P3/TM3 protection.

The Environment:

- Restricted ventilation
- Hot and humid
- High concentrations of fine dust
- Water present

Tasks:

- Tight-fitting spaces.
- Working around large equipment.
- Highly mobile
- Physically demanding work

Equipment Requirements:

- High protection, comfort and long run times
- Durable in harsh working conditions
- Operate in remote sites with limited support
- Compatibility with standard mining equipment e.g. cap lamps and radios

THE RESULT

Miners preferred CleanSpace respirators to any other mask they had worn.

WHAT THE MINERS SAID

"Lightweight unit that is comfortable and easy to wear throughout the 10-12 hour shift."

"Fresh airflow on the face; No breathing resistance."

"No waist-mounted battery pack; No hoses to restrict movement."

"Good run time and the internal battery didn't drain the cap lamp."

"Simple and quick to put on and operate."

"Durable and tough enough to withstand mining conditions."

"Few parts. Low inventory."

"The re-emergence of Black Lung in the Mining sector highlights the challenges sites have in protecting their staff from hazardous, airborne contaminants in the workplace. CleanSpace Respirators deliver the high protection of a powered respirator with the ease of use of a negative pressure mask" Alex Birrell, CleanSpace CEO