

Has there been progress on nano Diesel Particulate Matter in the Australian underground hard rock industry?

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ABSTRACT

Every diesel engine emits approximately 100 million nano diesel particles (nDP) per cubic centimetre of raw exhaust. Each nDP has a diameter of 50 – 70 nano metre or 1/100th the size of red blood cells Ø 6-8 micron. When inhaled, nDP pass through the lungs and penetrate all body tissue.

Europe and North America have recognised and are addressing the long term health problems posed by nano diesel particulate matter (nDPM) across their societies.

Australia has been slow to recognise the issue, at both a societal and mining industry level.

There are chronic health issues for every underground miner and serious legal issues for mining companies with increasingly stringent Occupational Health and Safety legislation being implemented at a state level across Australia.

This paper will review progress within Australian society and more particularly the underground hard rock mining industry.

Password nDPMinvasion