

HEALTH RISKS

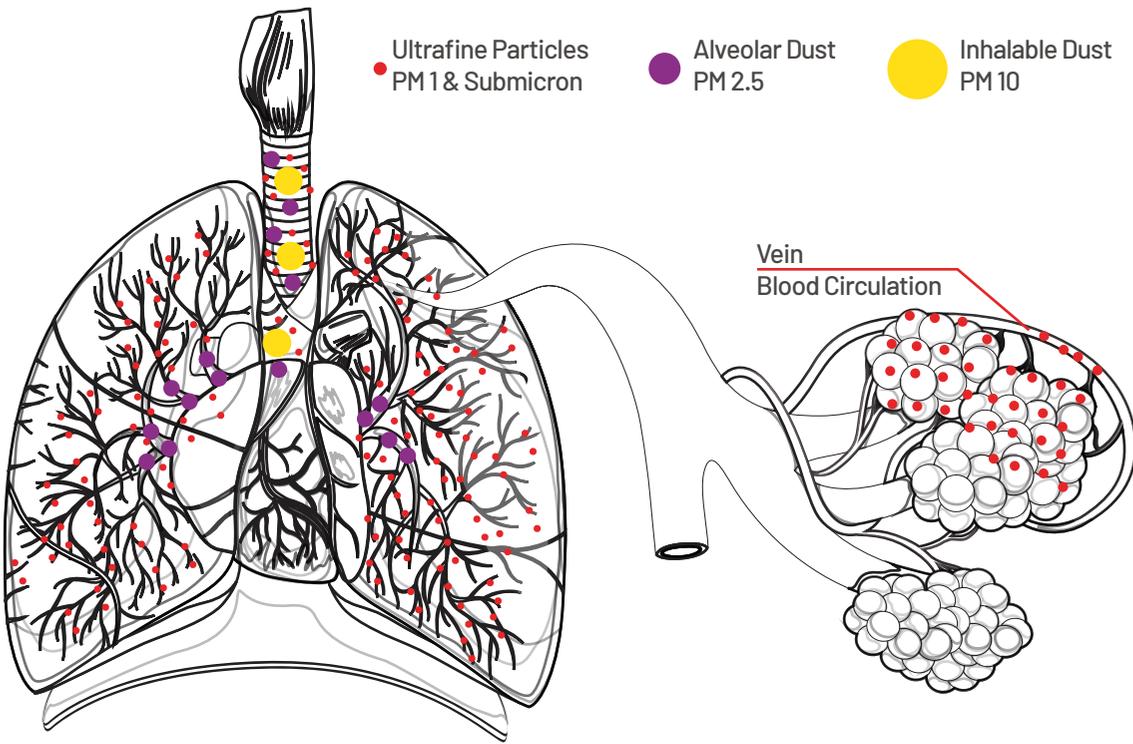
Being exposed to fumes generated by welding or thermally generated particles is a significant health and safety concern for manufacturers. The potential health hazards span from minor illnesses like a sore throat and eye irritation to more severe conditions like metal fume fever, and can even extend to long-term or fatal illnesses such as cancer. In 2019, International Agency of Research classified weld fume as a known carcinogen.

- Sore Throat
- Eye Irritation
- Metal Fume Fever
- Cancer

LOSS OF PRODUCTION

Unregulated dust and fumes also have negative effects on factories efficiency. Dust and particles arises from metalworking processes can penetrate machinery or electrical enclosures, leading to operational downtimes and reduced efficiency. Additionally, these fumes can build up on inventory, necessitating extra cleaning efforts and maintenance work. Moreover, qualified workers would like to work dust-free environments. So they make their choices accordingly.

- Unefficient Working Environment
- Increased Downtime
- Additional Clean Up Works
- Increased Malfunction in Machines



**BEWARE OF
YOUR SHOPFLOOR
AIR QUALITY**

In 2019, the International Agency for Research on Cancer (IARC) classified weld fume as a known carcinogen that can lead to lung cancer. This new findings makes welding fume extraction and filtration systems much more important for health and safety of workers.