

## Secure worker health and safety

Do you know what particles your workers are exposed to in your working environment? Which of these particles is a concern for the health of your workers? The crucial parameters for assessing risks posed by particles present in the environment are understanding their chemical composition, morphology or shape, aspect ratio, and mixing state. Usually, long-term comprehensive studies are required to assess the potential exposure and toxicological risk in processes involving powder handling or generating dust.

Our novel tool, the SAXOCON Impactor, quickly collects particles from the air in your workplace directly onto electron microscopy grids. Based on our scientifically established and reproducible imaging routine for automated Scanning Electron Microscopy (SEM), particle samples are analysed for toxicologically relevant physical and chemical parameters.

SAXOCON provides you with a full-service package comprising:

- Measurement and statistical analysis of particulate matter in indoor air, exhaust gas, environmental and work environment settings
- QMS controlled documentation and presentation of results
- A toxicological risk assessment of the collected particles
- Root-cause analysis and guidance on mitigating exposure risk

### Why choose us?

SAXOCON analytical services give you access to:

- Our novel, full-service solution that delivers unique insights in a timely manner
- Particle level statistical analysis of your air samples
- High-level toxicological experience in evaluating and characterising airborne particles

### Delivery

SAXOCON compiles all necessary results and toxicological documentation in a signed report.