

the
problem

Manufacturing processes generate emissions that can be harmful to health and the environment. These emissions include Particulates (such as aerosol mists, dust and fumes), Volatile Organic Compounds (VOC), Noise and Temperature. Containment and Controls used to protect worker health and the environment maybe inadequate or fail, polluting workplace air which can be breathed in.

how we
help

HEXmon monitors relative changes in common emissions from manufacturing processes. Real-time monitoring helps assess the continued effectiveness of control measures and provides evidence that actions taken to reduce emissions are successful.

the
benefits

A safer workplace, enhanced employee well-being and efficiency, lower costs, and reduced pollution. **HEXmon** is an effective component of 'safety first' strategies, sustainability initiatives, and corporate social responsibility efforts.

HEXmon : Smarter monitoring for safer workplaces



- Reduces risk for Duty Holders, informed decision making
- Evidences progress toward achieving ALARP
- Real time insight into change impact & secondary exposure risk
- Continuous monitoring, alerting & reporting
 - Noise Levels
 - Particulate Matter (mist, dust, fumes)
 - Total Volatile Organic Compounds
 - Temperature, Humidity, Atmospheric Pressure
- More effective than LEV inline pressure or flow monitors
- Easy to install
- Secure data access via our independent Cellular Gateway

HEXmon data reveals mist emissions escaping from a CNC fitted with LEV.

Emission levels fluctuate hourly exceeding guidance values.

No two days are the same.

PM Mass Concentration

Averages: PM10: 10.3ug/m³, PM2.5: 9.1ug/m³, PM1: 7.7ug/m³

