





We are emsas

We are a leading independent Occupational Hygiene, Health, Safety and Environmental consultancy. We offer a professional approach to Occupational Hygiene, Health, Safety and Environmental issues in the workplace for both Public and Private sectors.

With a wealth of experience in a diverse range of industries, we deliver monitoring and assessment with interpretation and practical and proven solutions assisting relevant professionals to maintain compliance within their organisations.

A close-up photograph of a laboratory setting. A blue pipette is positioned at the top, dispensing a drop of blue liquid. Below it, two clear glass test tubes are visible, partially filled with the same blue liquid. The background is a soft, out-of-focus white.

Exposure Monitoring & Control

Workplace Air Monitoring

- Identification and measurement of airborne contaminant concentrations
- Measurement of personal exposures
- Assessment of PPE, RPE and LEV control measures
- Recommendations on exposure reduction and control measures
- Qualitative face fit testing of RPE

Indoor Air Quality Monitoring

- Measurement of background indoor micro-pollutants
- Swab sampling of building surfaces for contaminants
- Measurement of airborne bio-aerosols
- Ultra-fine particulate measurement

Local Exhaust Ventilation Testing

- Thorough examination and testing of LEV systems

CoSHH Risk Assessment

- Conduct audits of current workplace situations
- Identification of present workplace hazards

Training

- Toolbox talks on exposure control; use of PPE, RPE and LEV
- Use of LEV systems
- Training in CoSHH risk assessment process and CoSHH toolbox talks

Noise & Vibration

Workplace Noise

- Identification and measurement of workplace noise levels
- Identification and measurement of workplace high range peak noise levels (>140dBC)
- Assessment of daily/weekly personal noise exposure levels and hearing protection
- Provision of advice on noise reduction measures

Audiometry

- Audiometric testing to HSE guidance note MS26
- Pure tone audiometric assessment methods
- Otoscopic examination

Environmental Noise

- BS4142 – rating of industrial noise affecting mixed residential and industrial areas
- BS5228 – Noise control on construction and open sites
- PPG24 – Planning Policy guidance – planning and noise
- Baseline noise assessments for ISO14001

Hand Arm Vibration

- Measurement of tool vibration magnitudes
- Calculations of personal vibration exposure levels

Whole Body Vibration

- Measurement of vehicle/surface vibration magnitudes
- Calculations of personal vibration exposure levels



A close-up photograph of a ladybug with red elytra and black spots, resting on the white, textured head of a flower. The background is blurred, showing more of the flower's petals.

Environmental Monitoring

Emissions Monitoring

- Part B Permit compliance monitoring
- ISO14001 benchmark emissions monitoring
- MCERTS certified equipment

Building Environments

- Airborne micro/macro contaminant assessment
- Temperature, humidity and lighting surveys
- Swab sampling for residual surface chemical contamination
- Ultra-fine particulate measurement
- Lighting assessment

Environmental Pollutant Monitoring

- Environmental dust monitoring
- Water quality assessment

Environmental Auditing

- Review of current practices and procedures
- Audit as a requirement of best practice

Environmental Management Systems

- Benchmarking
- Identification of aspects and impacts
- Auditing the implemented system

Health & Safety

Health and Safety Policy

- Development of company health and safety policy and procedures
- Review and update of policy and procedures

Risk Assessments

- Display screen assessments
- CoSHH Assessments
- Noise Assessments
- RPE Assessments
- General safety assessments
- Fire risk assessment

Health and Safety Auditing

- Provision of third party independent health and safety audit
- Auditing current health and safety performance
- Workplace and premises safety inspection and audit

Construction Design Management

- Construction site safety inspection and audit
- CDM Co-ordinator services
- Construction health and safety advice and support

Disability Discrimination Act (DDA)

- Access consultancy and advice

Health And Safety Training

- Variety of health and safety training and awareness programmes for all areas of safety



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