



occupational hygiene Monitoring Services

Benefit Your Business

- MEET YOUR COMPLIANCE OBLIGATIONS**
Legislation includes both general and specific obligations relating to monitoring programs.
- IDENTIFY & CORRECT HAZARDOUS WORKPLACE SITUATIONS**
Take a targeted and scientific approach to hazard identification and control in the workplace.
- QUANTIFY YOUR RISKS**
Take the guess work out of compliance – gain an accurate understanding of exposure and consequent risks.
- REDUCE POTENTIAL LIABILITIES & MANAGE RISK SUCCESSFULLY**
Prevent and mitigate the effects of litigation. Reduce Workers' Compensation premiums by managing risks to prevent injury and illness.

Occupational Hygiene Monitoring Services

Step 1 – Contact Field HSE
Arrange for a site visit and audit scoping sessions.

Step 2 – Data Collection & Analysis
A Field HSE representative determines a sampling strategy in consultation with the client. Monitoring is conducted in accordance with recognized methods and samples are submitted for NATA analysis Field HSE and other accredited associate laboratories as required.

Step 3 – Reporting
A comprehensive report detailing survey findings against relevant compliance measures is generated. SEGs Analysis can also be provided.

Step 4 – Control Strategies
A range of control strategies is presented in accordance with a hierarchy of control strategy. Specific control measures are nominated for implementation.

Step 5 – Monitoring & Support
Field HSE can offer ongoing monitoring programs and services to confirm the success of implemented controls in maintaining reduced exposures.



What is occupational & environmental hygiene monitoring about?

Environmental & occupational hygiene is about anticipating, recognising, evaluating and controlling health hazards in the workplace environment. Our consultants provide a range of services in this specialist area to meet your organisational demands.

How can Field HSE help?

We have the expertise and specialist equipment to measure the extent of the hazard for example dust, vibration, noise, lighting and advise on how to deal effectively with the health & hygiene topics presented. Field HSE can design and implement occupational hygiene programs tailored to your organisation's specific requirements.

Services Field HSE Can Provide

- Atmospheric Contaminant Monitoring (AS, ISO, NIOSH, OSHA, EPA Standards)
 - Inhalable Dusts & Particulate Matter
 - Respirable Dust & Crystalline Silica
 - TSP, PM2.5, PM10, Fallout Deposition
 - Volatile Organic Compounds (VOCs)
 - Asbestos & Synthetic Mineral Fibres
 - Welding fume
 - Lead, Chromium & Other Metalloid Contaminants
 - Isocyanates
 - Diesel Particulate Matter
 - Bio-Aerosols
 - Confined Space Gas Monitoring
 - Indoor Air Quality Surveys (IAQ)
- Occupational Noise & Vibration Monitoring
 - Exposure Assessment
 - Hearing Protection Evaluation (Attenuation & EEL)
 - Noise Control & Hearing Conservation Strategies
 - Hand Arm & Whole Body Vibration
- Heat Stress/Strain Monitoring
 - Ambient WBGT measurement
 - Personal strain measurement
 - Semi-quantitative risk assessment
- Interior & Plant Lighting Assessments
 - Workstation Assessment
 - Safe Movement & Access
- Potable Water Testing
 - Australian Drinking Water Quality Guidelines



Field Personnel – A Professional Advantage

Field HSE is an operational division of Field Engineers Pty Ltd - a company employing over 40 skilled professionals.

Professional disciplines

- Occupational Hygiene
- Environmental Science
- Mechanical Engineering
- HVAC Engineering
- Structural Engineering
- Project Management
- Health & Safety Management
- Crane Inspection
- Design, Draft & Certification

With a focus on technical skill and engineering capability, our occupational hygiene technicians are backed by the ability to advise on, and design, control mechanisms for your workplace. Unlike other consultancy's who merely "diagnose a problem" and leave clients to negotiate solutions, our team is oriented towards identifying and implementing control strategies. As a privately owned company our personnel are highly motivated and flexible with site attendance – available for weekend engagements and out-of-hours call out.

Field HSE Clients

Field HSE services a wide range of clients throughout Australia. Most of our clients are repeat clients and we specialize in the design and conduct of occupational hygiene monitoring programs to ensure both our clients legislative and internal health and hygiene requirements are met. A selection of our more recent clients are listed below;

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|----------------------------|-------------------|---------------------------------|
| • BMA Coal | • Thomas & Coffey | • Crushing Industries Australia |
| • Rio Tinto Coal Australia | • Thiess Services | • Kara Magnetite |
| • Peabody Energy | • G&S Engineering | • Cairns Regional Council |
| • Hastings Deering | • Origin Energy | • Cardno Ullman & Nolan |
| • Esco Engineering | • Wilmar | • CSR Building Products |
| • BP Australia | • Ergon Energy | • Macaleese Transport |
| • Air Services Australia | • One Steel | • National Oilwell Varco |

Quality, Health & Safety, Environmentally Assurance

As an operating division of Field Engineers Pty Ltd, Field HSE is an ISO 9001, AS/NZS 4801 & ISO14001 assured organisation. Our laboratory and general operations are governed by a Quality Management System ensuring accuracy and consistency of survey and reporting activities. Our precision monitoring equipment is modern, reliable and calibrated against relevant Australian and International Standards.



Methodology & Scope of NATA Accreditation

Field HSE are a NATA Accredited Laboratory (accreditation number 19651) accredited for compliance with the following requirements of ISO/IEC 17025:

7.82 Workplace environment and hazards

.01 Asbestos fibre counting

Filters are examined in accordance with Safe Work Australia (SWA) Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC: 3003 (2005)] (In-house Test Method FE-AP-01)

.81 Volume measurement (air)

For tests performed under 7.82.01



Engagement Options

Field HSE has a flexible approach to engagement, offering services under both schedule of rates or lump sum agreement based on a defined scope of works. A schedule of rates or lump sum proposal may be obtained on request from a Field HSE representative. Provided cost estimates and rates schedules are valid for a period of 3 months from time of issue.

Copies of Field HSE WorkCover, professional indemnity and public liability insurance certificates, as well as certification, accreditation and membership certificates are available on request. All Field HSE works are conducted under the Field Engineers Pty Ltd commercial terms of agreement. Vendor account setup can be arranged by contact request to commercial@fieldengineers.com.au.

A full range of Field HSE services can be viewed at www.fieldhse.com.au.

If you require further information or a specific cost estimate for your project is needed please do not hesitate to contact your nearest Field HSE office on 1300 854 782

In-house Equipment

Field HSE has an extensive range of equipment including;

- Svantek 958 Precision Sound Level Meter and Vibration Analyser Type 1
 - Tri-axial vibration accelerometers
 - Precision microphone (Type 1)
 - Environmental enclosure for long-term monitoring

- Casella CEL-35X Personal Noise Dosimeters

- SKC Constant Air Flow Sampling Pumps (including flameproof units)
 - 25mm Inhalable dust samplers
 - 25mm Respirable & Quartz dust cyclone elutriators
 - 25mm Asbestos/Synthetic Mineral Fibre cowl
 - Sorbent tubes and low flow adaptors
 - Diesel particulate matter impactors

- Biotest RCS Impeller – Airborne Microbiological Sampler
 - Total bacteria (optional colony identification)
 - Moulds & yeasts (fungal)
 - E Coli
 - Staphylococci

- TSI 8672 IAQ Calc indoor air quality meter
 - Temperature
 - Relative humidity
 - Carbon monoxide
 - Carbon dioxide
 - Outdoor air exchange calculation

- Lutron light meter
- ELF milligauss meter
- Dräger gas detection bellows test kit
- Potable water sampling kit
- Asbestos clearance inspection/sampling kit
- Phase Contrast & Polarised Light Microscopy

