



OCTIEF

CAPABILITY STATEMENT



LEADING
THE WAY
TOWARDS A
HEALTHY AND
SUSTAINABLE
FUTURE

INNOVATIVE, PRACTICAL WORKABLE SOLUTIONS.



ABOUT US

OCTIEF is an Australian based environmental laboratory and consulting group specialising in flow & process engineering, occupational & industrial hygiene, asbestos & hazardous materials, workplace health and safety, sustainability and climate change, environmental consulting, specialised laboratory analysis and on site testing. OCTIEF offers a wide range of integrated services within the built and natural environments, with a particular expertise in industrial, mining and commercial compliance issues relating to asbestos, air, soil, water, odour noise, and workplace exposure.

Due to the increasing constraints arising from environmental and occupational issues, environmental and workplace management is quickly becoming a key issue for many companies. The OCTIEF consulting group, recognises these issues and presents a number of specialised consultants to aid and assist in the assessment and management of all environmental, occupational and engineering issues. OCTIEF offers clients a turn-key approach to problem solving, with the overall emphasis is on innovative, workable solutions.



TECHNICAL
SUPPORT

STATE OF
THE ART
EQUIPMENT

TURNKEY
SOLUTIONS

24 HOUR
EMERGENCY
RESPONSE

RESEARCH &
DEVELOPMENT

OUR MISSION

OCTIEF aims to deliver outstanding technical and professional consulting and analytical services in a highly competitive and cost effective manner. We strive to ensure that clients are provided with innovative, practical and effective solutions to all environmental and engineering issues.





**DISCOVERY
ISOLATION
NOTIFICATION**



ASBESTOS SERVICES

- NATA accredited asbestos sample testing
- Asbestos air monitoring
- Management of asbestos in soil
- Asbestos audits & registers
- NATA accredited fibre counting
- Asbestos removal contractor list
- Risk assessment & management
- Risk communication
- Asbestos clearance inspections
- Asbestos management plans
- Work method statements
- Contaminated site assessment
- Asbestos exposure assessment
- Detailed remediation methods
- Corporate asset management
- Project management
- Tender specification & briefs
- On site laboratory set up
- Asbestos training & supervision
- 24Hr emergency response
- Expert witnessing
- Encapsulation integrity testing
- In-situ management of contaminated fill
- Respirator fit testing
- Asbestos removal program management
- Resilience risk management
- Pre-vendor asbestos surveying
- Conditional and quantity surveying
- Waste classification and disposal
- Mine site remediation
- Demolition advisory service
- Real time asbestos air monitoring
- Asbestos management software
- Import and export of asbestos materials

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HAZARDOUS MATERIALS

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- Hazardous materials auditing, workplace assessments & surveying
- Monitoring of airborne and mobilised surface and subsurface contaminants
- Chemical spill inspection, containment, management & remediation
- Hazardous materials removal methodologies & project management
- Classification of unknown potentially hazardous substances
- Process engineering to reduce regulated waste removal from sites
- Poly chlorinated biphenyls (PCB) assessment & management
- Risk assessment, management & communication
- Gas detection
- Confined space monitoring
- LEL monitoring and hot work permits
- Waste classification and disposal



KNOWLEDGE
STRATEGY
DIVERSITY



ENVIRONMENTAL

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RESEARCH &
DEVELOPMENT

- Environmental impact assessment
- Indoor air quality assessment & ambient air quality
- Contaminated land & soil investigations
- Water quality assessment, management & treatment
- Stack emission testing & odour investigation
- Acid sulphate soil investigations
- Coal seam gas water management
- Environmentally Relevant Activities - Compliance
- Construction environmental management & compliance testing
- Stormwater evaluation, modelling, design & water re-use strategies
- Dust / noise / vibration / minerals / ecology / groundwater / ISO14001 systems



ANTICIPATION
RECOGNITION
EVALUATION



OCCUPATIONAL HYGIENE

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RESEARCH &
DEVELOPMENT

- Workplace and personal exposure monitoring
- Monitoring & measurement of biological, chemical, physical, and psychosocial hazards
- Ventilation or extraction system assessment, velocity monitoring & design
- Assessment of carcinogens, irritants & workplace stressors
- Risk assessment, management & communication
- Development of long term monitoring & employee awareness programs
- Health surveillance & post exposure biological monitoring
- Commercial & industrial process evaluation
- Indoor air quality assessment,
- Inhalable and respirable dust
- Monitoring of respirable crystalline silica
- Emission certificates for low VOC and Formaldehyde emitting products
- Noise dosimetry
- Ergonomic suitability assessment
- Occupational hygiene training, mentoring, research & university lecturing



**CARBON, ENERGY
WATER, WASTE**



SUSTAINABILITY & CLIMATE CHANGE

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**RESEARCH &
DEVELOPMENT**

- Carbon footprint mapping
- Energy efficiency auditing
- Water efficiency management
- Waste management & recycling
- NABERS building ratings
- Indoor environmental quality audits
- Clean development mechanism (CDM)
- Green star building certification
- Indoor and product testing of materials for VOC and Formaldehyde emissions
- National pollutant inventory (NPI) reporting



ACCURACY &
PRECISION



STACK EMISSIONS

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RESEARCH &
DEVELOPMENT

- Large Scale Industrial Stack Testing
- Commercial Emission Monitoring
- Validation to Australian Standards
- Stack Assessment, Management & Treatment
- Direct Reading Instrumentation or Passive Sampling Methods
- Odour Assessment, Fume and Dust Control, Emission Reduction Programs
- Compliance tests
- Trial-burn tests and engineering services
- CEMS CGAs (Cylinder Gas Audits)
- CEMS RATAs (Relative Accuracy Test Audits, Conventional and Mercury CEMS)
- PSTs (Performance Specifications Tests)
- Process tests and data collection
- Emission factor/emission inventory tests
- Emission characterisation



**SAFETY
MATTERS**



WORKPLACE HEALTH & SAFETY

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RESEARCH &
DEVELOPMENT

- Occupational health & safety management systems
- Emergency response to workplace illness
- Site safety training modules & induction videos
- Job safety analysis & risk assessment
- Liaison with union and regulatory departments
- Confined space monitoring & hot work permits
- Hazard identification, assessment & mitigation
- Workplace compliance assessments & audits
- Green star building certification
- National pollutant inventory (NPI)



**STATE OF THE
ART EQUIPMENT**



LABORATORY TESTING

- Indoor air quality
- Asbestos & synthetic mineral fibres
- Respirable crystalline silica
- Gravimetric dust & particulates
- Inhalable, respirable and deposited dusts
- Odour units & olfactometry
- Air samples & stack emissions
- Swab & vacuum samples
- Fluorescence & electron microscopy
- Marine & freshwater samples
- Soil & contaminated land
- Gas stream testing
- Mould and Fungi identification
- Chamber testing for VOCs and Formaldehyde

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**WORLD RECOGNISED
ACCREDITATION**



A SNAP SHOT
OF OUR CLIENTS



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