Regardless of your working environment, health and safety has to be your first priority. Getting it wrong puts your workers, your project and your reputation at unacceptable risk. The financial cost alone is prohibitive. Workers compensation, incident investigations, plant damage and delays can break a project.

To avoid health and safety risks, you need expert advice across a wide range of hazards, as well as management and mitigation systems to help you create a safety culture.

The way to manage health and safety risks is through concise, simple and effective management techniques, prior to an incident occurring.

At Coffey, we understand the complexities of work health and safety (WHS) legislation and the practical realities of keeping your site safe for your workers, contractors and members of the public. We can help you deal with the diverse range of hazards you need to address – safeguarding the future of your people and business.
The support you need to keep your site safe

<table>
<thead>
<tr>
<th>Challenge</th>
<th>How Coffey can help</th>
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<tr>
<td><strong>Do it right before it goes wrong</strong></td>
<td>NATA accredited asbestos and hazardous materials surveys and audits</td>
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<td>When it comes to hazardous materials management, you need the right processes from the start to safeguard your workforce. Acting after the event is dangerous, costly and often in breach of regulations. You’ll incur expensive health and safety problems, unplanned delays and penalties. You need to understand your responsibilities and have plans to manage them effectively on each site. This starts with hazard identification and mitigation processes – so if something goes wrong, you’ll quickly have controls in place.</td>
<td>NATA accredited asbestos and hazardous materials management plans</td>
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<td>NATA accredited clearance inspections</td>
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<td>NATA accredited monitoring</td>
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<td>WHS building audits</td>
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<td>Remediation</td>
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<td>Hygienist services</td>
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<td>Remediation design</td>
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<td>Management system compliance audits</td>
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<td>Works approval preparation</td>
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<td>Environmental monitoring</td>
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<td><strong>Acting quickly</strong></td>
<td>Hazardous materials and incident response management team</td>
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<td>Planning is everything when dealing with hazardous materials. If you don’t act quickly, your workforce – and the community – could be exposed to dangerous hazards. If something goes wrong, there’s no time to waste. You need to mobilise the right team with the right skills – at a moment’s notice.</td>
<td>National and international fast response</td>
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<td>Expert teams around the world</td>
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<td>NATA accredited monitoring and testing</td>
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<td><strong>Create a safety culture</strong></td>
<td>Safety leadership training</td>
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<td>Having a safety culture is the best way to manage WHS risk. When your workforce know the hazards and are mindful of their own and others’ safety, you can avoid most incidents altogether. A safety culture is evident in the attitude, behaviours and competency of the workers on your site. But it’s created by the right systems, procedures, communications and training – in place and reinforced all the time. From day one, you need a suitable system to look after your safety needs, including monitoring and evaluation.</td>
<td>Safety management system design</td>
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<td>Safety management system audit</td>
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<td>Site based safety management implementation</td>
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<td>HAZID workshops</td>
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<td>Risk assessment</td>
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<td><strong>Identify and mitigate exposure risk</strong></td>
<td>Noise assessments</td>
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<td>Safety depends on knowing what you’re dealing with. You have to identify and prioritise the occupational hygiene exposure to risks of each project or process. To tackle them, you need exposure assessment strategies to anticipate, recognise and manage exposures.</td>
<td>Chemical exposure testing</td>
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<td>Exposure monitoring</td>
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<td>Radiation monitoring</td>
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<td>Risk assessment and prioritisation</td>
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<td>Noise awareness training</td>
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Protecting your people and your project

We’ll work with you to provide the right mix of strategic advice and support from the services below.

**Hazardous materials services**

After 25 years in the industry, we are a leader in managing hazardous materials and compliance auditing. We can advise you on current legislation and identify the hazards on your site. You’ll receive timely and accurate information on the location and levels of, and how to deal with: asbestos, polychlorinated biphenyls (PCBs), lead in paint, synthetic mineral fibres (SMFs) and other hazardous materials.

**Asbestos consultancy services**

We have a dedicated service to help you reduce exposure to asbestos and other hazardous substances in the workplace. Coffey was the first in Australia to become NATA accredited to IEC/ISO17020 for conducting hazardous materials surveys and preparing hazardous management plans. Today, we hold three accreditations for asbestos work in Australia: surveying and management plans, air monitoring and fibre counting, and clearance inspections.

This means we’re externally audited by industry experts. Our methodologies and procedures are up to date, valid and industry leading.

**Accredited testing laboratories**

We also have IEC/ISO17025 NATA-accredited calibration and testing laboratories in Queensland, Victoria, Western Australia and New South Wales, equipped with the latest technology. Our labs will give you a fast, decisive response to urgent situations, where people could be exposed to risk.

You can be sure of our testing quality and accuracy. We are third party certified by NATA Certification Services International (NCSI) for AS/NZS ISO 9001:2008 Quality Management System. If your project is in a remote location, our scientists will conduct on-site analysis, with a quality management system certified by NATA and to ISO9001.

Other services:

- NATA accredited hazardous materials surveys and management
- NATA accredited air monitoring
- NATA accredited clearance inspections
- Risk management and assessments
- Management system development and implementation
- Compliance and performance auditing
- Workplace assessments
- Chemical management advice
- Training and facilitation
- Remediation
- Design
- Remediation as principal contractor
- Management plans
- Respirator face fit testing
- DOP testing

**Health and safety in the workplace**

Drawing on decades of experience and using a consultative approach, Coffey will partner with you in project managing your health and safety processes. We can help your workers and contractors embed safety on all of your sites. We will help you to implement practical and effective WHS strategies that will help your business run smoothly and minimise disruption due to incidents or injury.

Our services include:

- WHS management plans
- WHS management systems
- Project and site WHS plans
- Safe work method statements
- Project management
- WHS implementation and auditing
- Risk assessments
- Subcontractor auditing
- Safety culture assessments
- Site based WHS management
- WHS implementation and auditing
**WHS training**

Creating and maintaining a safety culture requires training and constant reinforcement. Coffey will provide you with competency-based, on-site training and assessment specifically designed for your situation and industry.

Your training courses – available anywhere in Australia or overseas – will be customised to suit your site’s specific environment and WHS requirements. In addition, our expert facilitators will include relevant and current industry case studies to make the material immediately applicable.

Training topics:
- Safety leadership
- Noise awareness
- Behaviour based safety
- Risk management
- Employee inductions
- Working in hot environments
- Environmental awareness
- Emergency management
- Asbestos awareness
- Fitting personal protective equipment (PPE)
- Lead management
- Legionella assessments
- HAZID workshops
- Health and safety committee refresher training

**Occupational hygiene**

Occupational hygienists are scientists and engineers who apply science to identify health and safety problems – and design solutions to prevent them. Our specialist team of occupational hygienists also includes certified industrial hygienists (CIH).

Our specialists will investigate your workplace for current hazards and potential dangers. This will include scientific research to provide data on possible harmful conditions. You’ll get practical recommendations for improving the safety of workers and the surrounding community. Where needed, our team will develop techniques to anticipate and control potentially dangerous situations.

They will also help you to mobilise management, workers and all segments of your company to unite behind the common goal of health and safety. Often, this is a vital part of ensuring your workplace complies with all federal, state and local regulations. To help implement their recommendations, the team will train and educate your workforce about job-related risks. They’ll also check that workers are following health and safety procedures properly.

Our people are qualified to identify asbestos fibres, solvents, fumes, vapours and gases, diesel particulates, synthetic mineral fibres, respirable and inhalable dust analysis, heavy metals and cyanide.

We take a strategic management approach to your occupational hygiene concerns and our services focus on:
- Occupational hygiene assessments
- Indoor air quality assessments
- Environmental lead exposure evaluation and control
- Emergency response planning
- Drinking water surveillance and management
- Hazardous agent controls including asbestos, pesticides and chemical exposure
- Cumulative trauma disorder management including repetitive stress injuries and carpal tunnel syndrome
- Radiation assessment and protection including electromagnetic fields and microwaves
- Hazardous waste management
- Baseline exposure assessments
- Compliance monitoring
- Noise testing and management
- Vibration monitoring and management
- Respirator and hearing protection fit testing and training
Our projects

Principal contractor work, LNG project, Papua New Guinea
We're the principal contractor for a major LNG project in Papua New Guinea (PNG), responsible for managing the health and safety of over 30 contractors operating in some of the most remote and unmapped areas in the world.

We're responsible for the complete definition and documentation of scope and creation of a detailed safety management system. This covers emergency response, operational site procedures, incident management procedures, consultation and communication protocols, as well as leadership strategies and consequence management. We have also scoped all HSSE camp facilities for extreme terrain and the transportation strategy to manage remote logistics.

Coffey have operated in PNG for over 10 years. We have strong operating experience managing health and safety projects in remote areas around the world.

Principal contractor, asbestos removal, Queensland
Coffey were engaged as the principal contractor and occupational hygienist to remediate 2,400m² of friable asbestos from the ceiling cavities of a four story building. We also performed a complete fit out of the basement and three floors to return the building as a ready-to-occupy tenancy.

Coffey provided a turnkey solution that brought together all stakeholders, including the client, regulators and contractors. This facilitated a high quality remediation and fit out result that was delivered on time. Through our work, we helped our client save on costs by completely managing the asbestos removal. We achieved this through our deep understanding of the project and our relationship with removal contractors and regulators.

As a result of our services, our client achieved a remediated building, removing this property as a high risk from their portfolio.

NSW Police, asbestos removal, Sydney
Coffey was commissioned by a national facilities management company to perform a variety of asbestos related activities across a large portfolio of NSW Police properties. This included asbestos surveys of a range of buildings and structures, air monitoring during asbestos removal works, supervision of asbestos removal contractors, surveying for asbestos in electric duct heater (EDH) units and the provision of clearance certificates upon completion of asbestos removal works.

We provided Class A asbestos assessors to ensure all friable asbestos removals were conducted safely and according to legislative requirements. We provided our own NATA accredited field laboratory where required, to provide immediate assurance that airborne asbestos fibres did not exceed recommended levels. This allowed immediate and safe reoccupation of the building upon completion of our work.
When you choose to work with Coffey, you’re accessing a pool of WHS specialists with the right skills and experience to protect your project from unnecessary risk.

Wherever your workplace is, we’ll build you the best team to meet your WHS needs. Your diverse team will be drawn from more than 60 dedicated WHS professionals across the country, with experience in mines, refineries, construction, commercial buildings and industrial plants. Our specialists are used to working in remote, adverse and challenging conditions. They are adept at improvising, problem solving and innovating. Their ‘can do’ attitude and practical approach makes them an asset to site management.

Our specialist areas include:

- **Safety advisors** – to identify, assess and control hazards through risk assessments, safety audits, inspections, hazard identification (HAZID) workshops and incident investigations

- **Occupational hygienists (including certified industrial hygienists)** – to conduct investigations, including designing and co-ordinating occupational sampling programs in physical and chemical hazards

- **Auditors** – to conduct internal or external safety management system audits

- **Consultants** – to help you develop, implement and assess workplace health and safety systems

We can also bring you an on-site mobile laboratory used to measure airborne concentrations of asbestos fibres. You get results and analysis more quickly, with no handling fees or courier costs.

We’re also NATA accredited and we provide:

- NATA accredited asbestos and hazardous materials surveys
- NATA accredited asbestos and hazardous materials management plans
- NATA accredited asbestos and hazardous materials clearance inspections
- NATA accredited asbestos and synthetic mineral fibres monitoring
- Quality management system certified by NATA and to ISO9001
Coffey offices with workplace health and safety specialists
We walk our talk on safety

As safety advisors to some of the world’s largest companies, our standards are rock solid. Our team of highly-regarded workplace health safety security and environment (HSSE) advisors makes sure we walk our talk.

We’ve developed our own integrated HSSE Management System. It has standards and processes that follow:

- OHSAS 18001 Occupational Health and Safety Management Systems
- ISO 14001 Environmental Management Systems
- NATA accreditations for construction materials testing, chemical testing and inspection

We use the system everywhere we operate. And we set measurable HSSE targets, which we track and report to the whole business.

Whatever your project, we'll fit into your safety culture, use your safety systems and help you achieve your goals.
Every Coffey relationship is built on trust.

Whether it’s in geosciences, project management or international development. Trust that’s hard-earned through our proven expertise, our depth of global experience and our commitment to stay one-step ahead.

Our united group of specialists – many of whom number among the best in the world – take enormous pride in collaborating with our project partners. By digging deeper. Thinking smarter. And seeing further.

All so we can deliver the smartest solutions, every time.