

Capability Statement



Does your business need strategic or technical advice?

Your problems are fixed in a practical way. Developing systems and products to make your business resilient, reducing your business risk in your current business environment.

We get your mine operating in a safe way that gets consistent tonnes, reduced costs and thus becoming more resilient.

CKA makes your life easier by saving you time, money and reputation in technical and business compliance.



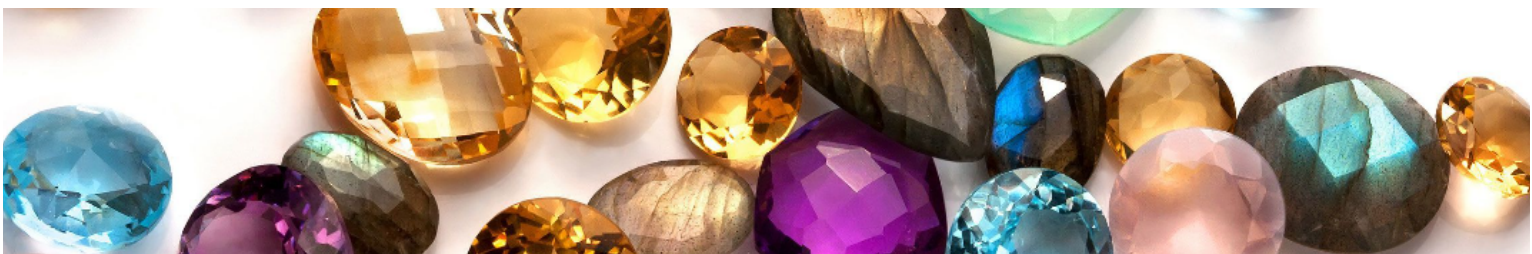
What we do:

We can conduct audits, examine mine site conditions and processes, collect and analyse samples, investigate modelling, review options and recommendations for ventilation optimisation, review your compliance status, financial modelling, as well as conducting gap analysis: always deploying proven, state-of-the-art methods.

Business and mining practice surveys are conducted to Australian and international industry standards.

Our workplace health and safety practices are consistent with ISO9001, ISO140001, and AS4801.

We can provide project management, personnel, plant and equipment, monitoring equipment, conduct sampling and analysis, and anything else a project needs to be driven to a successful outcome for the client and our partners can be supplied.





Risk management and workshop facilitation is utilised to scope, design, implement and manage any project.

CKA is aware of a constantly changing regulatory environment, stakeholder concerns when developing or expanding projects, capital and/or operating budget constraints, increased reporting and compliance requirements, and other demands on operations.

Assistance can be given to you for the development of Operational Management Plans, Ventilation Management Systems, Critical Hazard Management Plans, along with a range of other services you may require.

Our methods and practices exceed certified requirements, and provide procedures and processes that provide quality outputs; we conduct regular procedural audits to ensure and confirm ongoing compliance and suitability.

All our projects comply with Australian and state regulatory standards and laws, and always conform to specific client requirements; handover documentation can include test results and interpretation, analytical data, diagrams, photos, regulatory forms, and project completion advice, documenting the completed scope of work.



Who we are:

We have over 25-years' experience with many mining and industrial projects in Australia, India, New Zealand, Tunisia, Saudi Arabia and elsewhere.

We have experience conducting technical, business optimisation, operational and across a range of commodity types and mining methods. We design for new projects, upgrades, extensions and optimisation exercises

With our long involvement in Mining and Extractive Industry projects, we have developed a practical understanding of the constraints, the direct and indirect costs and the return on investment implementation of system and engineering management and control measures.

Martin Kimber R.F.D. B.E. MAusIMM (CP)

Significant industry experience with demonstrable mining engineering practice, extensive underground experience, balanced with various software, databases, auditing of management systems and compliance management. Martin has held leadership roles in mining and military postings with performance management experience, strong technical, report writing, project management experience. Martin holds NSW statutory positions covering Mine Deputy, Fire, Dust and Ventilation. Martin's practical approach, resourcefulness and big picture system thinking has come from his maturity and experience.

Allison Golsby MEngSc (MinIndMan), MMinEng (MineGeomech), GradDipMVent, MAusIMM (CP), RPEQ, AICD
Extensive mining experience in hard rock and coal including underground block caving; underground coal; open cut mining, analytical laboratory experience; underground mining engineering, ventilation and geotechnical roles. Allison is an expert in safety, designing and managing safe systems for the extraction of resources that consistently maintain production, while meeting environmental expectations, regulatory constraints and budget targets. Allison balances her business, engineering and risk management skills with her practical engineering capabilities.

Services of CKA include:

- Risk Management
- Project Management
- Governance and compliance
- Noise attenuation
- Data Room Management
- OH&S audits
- Electrical Engineering
- Mechanical Engineering
- Structural Engineering
- Ventilation Engineering
- Environmental monitoring, audits and remediation
- Mining Engineering
- Geomechanics Engineering
- Civil Engineering
- Tailings Dam design
- Provision of a software solution for Safety and Training, OH&S and HR, mine safety and work cycle management
- Contract Supervision
- Project Management
- Due Diligence
- Database design and development
- Ventilation device certification
- Equipment selection and matching
- Engineering:
- System design
- Technical Services skills and relief
- Mine planning and analysis
- Business and process improvements
- Model Calibration
- Develop equipment contracts, scope of work and equipment specifications
- Tender evaluation
- Contract supervision
- Benchmarking
- Engineering Certification
- Operational optimisation
- Mining Methods, Mine Planning and Optimisation
- Mine Ventilation Management
- Efficient coal-bed methane extraction, Collection and Utilisation
- CO and CO2 detection and monitoring (both for central and personal applications)

Significant Projects:

- Due diligence study for coal and hardrock asset bids
- Scope and cost of the Detail Engineering Design for Underground Chromite Mine Project in India transitioning from open cut to underground without production interruption
- Review of clients Management Systems
- High level advice and guidance on technical matters relating to ventilation; peer review of ventilation reports; developing ventilation models
- Gap analysis and risk management reviews for Mine Management Systems
- Lead Technical services team for engineering in NSW and Qld; improvement of coal recovery techniques; revise and maintain short to long term plans
- Project Management of mining, construction and infrastructure installations up to \$460M
- Preparation of high-level reports for stakeholders; develop and lead the Technical Services in NSW and Qld; improvement of coal recovery techniques; revise and maintain short to long term plans
- Technical Services in open cut for 9 months taking the pit from 50% production and contractual compliance to 100%. Focus planning, design and safety
- Ventilation Control Device certification
- Dump and pit stability compliance reporting
- Business bench marking study for acquisition purposes
- Short to long term mine ventilation planning
- Ventilation project upgrade in New Zealand
- Business bench marking study for acquisition purposes