CAPABILITY STATEMENT
Underground Coal Mining Solutions is a company that provides cost effective management and engineering services for the Coal Mining Industry. Based in Mackay Queensland and Maitland New South Wales, Underground Coal Mining Solutions can provide Key Operational, Statutory Electrical and Mechanical, Electrical and Mechanical engineering, projects management personnel and services to assist our clients achieve production optimization.

Underground Coal Mining Solutions’ employees are qualified with substantial Underground and Surface Operational and Technical experience with extensive management skills. We pride ourselves in supplying only quality personnel to meet our clients requirements.

We believe that the Safety behaviors of our staff is a critical to the success of our business and as such will provide personnel with high Safety Behaviors to assist our Client’s realization of a Zero Harm Environment.
Underground Coal Mining Solutions specialize in:-

- On Site Project Management
and

- Off Site Project Management

We work with our clients to tailor our services to meet their expectations and needs.
Site Based Projects:

- Longwall Optimization—Operational and Engineering
- Engineering and Operational Management Personnel
- Engineering Capital and Operating Budget Project Management
- Electrical, Mechanical and Mine Operational Statutory Staff
- Business Planning and Optimisation
- Overhaul Management
- Project Scheduling
- Longwall Relocation Planning and Technical Support
- Business Improvement Projects
- Maintenance Strategy Reviews
- Reliability Engineering
- Statutory Compliance Auditing
- SOP gap analysis review and modification
- Plant Control Systems review and support
Off-Site Based Projects:

- New mine and mine expansion feasibility studies
- New mine and mine expansion feasibility study auditing
- New mine and mine expansion design reviews and auditing
- Capital and Operational Budget reviews
- Supply of Engineering Personnel
- Mine design Project Management
- Mining equipment design review and procurement including drafting contracts and contract management
- Overhaul Management
- Desktop compliance auditing and gap analysis
- Plant Control Systems development and optimisation
Mick Procopis

Mick has extensive Operational, Engineering and Maintenance experience in the Underground Coal Mining Industry. Mick has undertaken a number of roles in his 20 plus years of Underground Coal Mining experience. He has performed the roles of Longwall Coordinator, Longwall Superintendent, EEM, Maintenance and Engineering Superintendent, Maintenance and Engineering Manager, Business Improvement Manager and Operations Manager.

Mick also has the experience of conducting his own consultancy business both in Queensland and New South Wales prior to forming Underground Coal Mining Solutions with Frank Casey.

Mick’s practical experience, tertiary qualifications, devotion to provide value to the client along with his diversity, places Mick in good stead for any on-site role.
Frank Casey

Frank entered the Coal Mining Industry in 1982 working in open cut construction and shutdown projects in the Moranbah and Newlands mine areas. Frank began his career in Underground Coal mining in 1989. He has been employed in a number of roles in his career including, Shift Engineer, Development Coordinator, Longwall Coordinator, EEM, Maintenance and Engineering Superintendent, Engineering Projects Superintendent, Engineering Projects Manager, and relief Mine Manager. Frank formed and managed his own consultancy business for a period of 10 Years supplying a range of roles to the Underground Coal Mining Industry both in Queensland and New South Wales.

Frank ‘s knowledge of the mining industry and his continual application of the “KISS” system in mining design is an advantage for any role he is engaged in. He continually seeks maximum efficiency in any process he is involved in.
Underground Coal Mining Solutions Key Personnel have previously provided services for the following clients:

**Anglo American**
- Moranbah North Mine, QLD
- Grasstree Mine, QLD

**Vale Australia**
- Integra Coal, NSW
- Carborough Downs, QLD

**Xstrata Coal**
- Oaky No.1 Mine, QLD
- Newlands Northern Underground, QLD
- Newlands Southern Underground, QLD

**BHP Billiton**
- BMA Broadmeadow Mine, QLD
- BMA Crinum Mine, QLD

**Peabody**
- North Goonyella Mine, QLD
Previous Projects completed by Underground Coal Mining Solutions Staff:-

**Ventilation and Gas Projects**

- Management of the upgrade of Main Mine Ventilation system—Moranbah North
- Management of the installation and integration of NGERs gas emission reporting system on the Main Ventilation system—Moranbah North
- Tube bundle hut design review and recommendations—Moranbah North
- Management of two Downcast shaft surface equipment procurement and installations including GAG connection and ventilation regulation from the surface—Moranbah North
- Tube Bundle Certification and Compliance report—Oaky Creek No.1
CAPABILITY STATEMENT

Mine Staff Coverage

- Electrical Engineering Manager—Anglo Moranbah North Mine QLD
- Electrical Engineering Manager—Glencore Oaky Creek No.1 Mine QLD
- Electrical Engineering Manager—BMA Broadmeadow Mine QLD
- Longwall Superintendent—Vale Integra Underground Mine NSW
- Maintenance and Engineering Manager—Vale Integra Underground Mine NSW
- Electrical Engineering Manager—Vale Carborough Downs Mine QLD
- Longwall 80 Project Lead—Vale Carborough Downs Mine QLD
- Longwall 80 Project Mechanical Engineer—Vale Carborough Downs Mine QLD
- Longwall Chain Management Strategy review—Vale Carborough Downs Mine QLD
- Electrical Project Manager - BMA Broadmeadow Mine QLD
- Conveyor Coordinator—Vale Carborough Downs Mine QLD
- Maintenance Analysis and Improvement Engineer—BMA Broadmeadow Mine QLD
- Development Electrical and Mechanical Coordinator—Vale Integra Underground Mine NSW
- Maintenance Superintendent—Vale Integra Underground Mine NSW
- Compliance Project Manager—BMA Broadmeadow Mine QLD
- Underground Electrician—BMA Broadmeadow Mine QLD
Mine Design/Reviews

- Site power requirement review, design and budget justification for 10 year mine production plan—Anglo Moranbah North Mine QLD
- Design, procurement and installation of a relocatable 66kV switch yard—Glencore Newlands Mine QLD
- Underground electrical, gas monitoring and communications reticulation design and installation—Vale Carborough Downs Mine QLD
- Conveyor design review and optimization recommendations—Vale Carborough Downs Mine QLD
- Electrical Dossier Compliance review and update—Peabody North Goonyella Mine QLD
- Conveyor Isolation review and modifications—Peabody North Goonyella Mine QLD
- Electrical Reticulation review and design for Mine Extension—BMA Broadmeadow Mine QLD
UNDERGROUND COAL MINING SOLUTIONS PTY LTD

Offering a cost effective solutions for your mining operation

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