

**MINING**



**Tunnel Boring Equipment**



The technology and level of sophistication in the mining industry creates an ongoing need for new products that are specifically designed to match the pace of innovation. Calbah is constantly working with many of the industry's top companies to develop specialist products.

Calbah has experience across the full project lifecycle from concept and design prototypes right through to fabrication and completion. The mining community has benefited from products ranging from tunnel boring equipment and cutter heads to 3 ton tipping buckets and easy-to-move emergency relief chambers.

Calbah never forgets the dangers of working underground and the challenges faced when products fail to perform. Quite simply, Calbah knows there are no second chances deep underground and makes no apology for the fact it takes the time to ensure every product it produces will perform.



**4000mm Cutter Head**



**Launch Cradles**



**Oil and Gas Special Tanks**

For mining specific products visit Mining at [www.calbah.com](http://www.calbah.com)

**MINING**

**DESIGN INNOVATION**



**Refuge Chambers**

An explosion underground or the discovery of a toxic gas leak are scenarios that are foremost in the minds of all those involved in the mining industry. The provision of a safe haven that provides a supply of breathable air for miners in the event of an incident is an essential feature in today's mines.

We are continuing to manufacture underground Emergency Refuge Chambers for one of the leading providers of safety products to the mining industry.

These static chambers come in a variety of sizes, and can be built to accommodate anywhere from 4 people up to 20 people, with 4 and 6-person mobile units also available. To date we have built over 100 chambers, and with this successful high volume manufacture we are contributing to mine safety all across Australia.



**Kibble**

Used for hauling ore, water or refuse to the mine surface



**MINING**



**Tunnelling Pipework**



**11000kg Thrust Ring for Tunnel Jacking**



**Formwork**



approved  
manufacturer

**MINING**



**TBM Cutter Rebuild**



**Launch Systems**

**14 Ton Spreader Lift Beam**

**ONE OF AUSTRALASIAN ENGINEERING'S MOST ACCREDITED COMPANIES**

Calbah is one of the most accredited firms in the sector. Our list of accreditations include ISO 9001:2008 - Quality Systems, BS OHSAS 18001 - Health and Safety, AS 14001:2004 – Environment Systems and supply DNV 2.7-1 and DNV 2.7-3 certification for all offshore products.



**Vertical Shaft Lining**



approved manufacturer

**MINING**



**Settlement Tanks**



**Spray Dryers and Silos**



**Engineered Steel Skid**



**Tank Formation**



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### CALBAH IS HERE TO HELP

To complement our on-shore manufacturing business we are very experienced in resourcing from our well proven manufacturing facilities in China. Overseen there by our own team, the workmanship off-shore comes with all quality assurance documentation and Manufacturer's Data Records to highest world recognised standards including Bureau Veritas, DNV and ASME codes of practice. Calbah is keen to demonstrate this and can provide comparative quotes for items built off-shore in China or in our on-shore plant.

Our customers are welcome at any time to tour our Dandenong South manufacturing plant in order to view first hand our quality procedures and documentation, and we look forward to working with you in the near future.

For further detail, please do not hesitate to call Chester Baker on 0419 886 074

Please refer to the brochures below for our design & drafting services and range of products for the oil & gas, mining, rail and general engineering industries.



**Agitator for Mining**

DESIGN & DRAFTING

RAIL BROCHURE

OFFSHORE BROCHURE

ENGINEERING BROCHURE

www.calbah.com



**9 Person Car**



**3 Ton SWL Tipping Bucket**



**Acid Tank with Bund for Chemical Industry**



approved  
manufacturer