



Capability Statement



HardRok Engineering Pty Ltd
78 Old Mica Creek Rd,
Mount Isa, QLD, 4825
Phone: 07 4749 1770
Email: admin@hardrok.com.au

Contact Information

HardRok Engineering Pty Ltd

ABN: 17 132 697 799

Address:

78 Old Mica Creek Rd,
Mount Isa, QLD, 4825

Phone: 0747 491770

Postal Address:

PO Box 1840
Mount Isa, QLD, 4825

Established 2008 with the purchase of Rob Harvey Conveyors

Website: www.hardrok.com.au

Find us on



and



SAFETY, QUALITY & EFFICIENCY

Our Management Team

Our management approach reflects well defined roles and responsibilities which delivers maximum efficiency while ensuring that all critical functions are fully covered, we also formally address problem escalation to ensure that issues are promptly and thoroughly resolved.

Having a range of experiences stemming from roles as a General Manager through to Plant Engineer, onsite Project Management and Supervision. Working in areas as diverse as coal in the Bowen basin to zinc and diamonds in the Kimberley including hard rock metalliferous mining in the Isa. The management team has faced the many challenges in mining, processing manufacturing, construction and plant upgrades. Covering all aspects including major overhauls of Dragline, Process Plants, Refurbishment of Buckets, Copper pots, installing and maintaining conveyor systems and remote site logistics as just a few. Our experience enables us to anticipate risks and prevent negative outcomes. With a combined 55 years of workforce supervision and 20 years of management and design with some of the largest and smallest companies in Australia, we can work in any situation. We understand that awareness of safety is paramount in every situation.

Managing Director: Ray White

Email: raywhite@hardrok.com.au

Mobile: 0408 007 936



Operations Manager / Director: Brett Moore

Email: brett@hardrok.com.au

Mobile: 0407 581 209



SAFETY, QUALITY & EFFICIENCY

Capability Information

▶ Main business activities and industries served

HardRok Engineering delivers Steel Fabrication, Off and On Site Maintenance Services, Conveyor Maintenance and Rubber Lining solutions to the Mining, Construction, Civil, Transport, Oil and Gas and Agriculture Industries. We offer the best combination of experience and innovation.

HardRok Engineering operates out of an 84 metre x 20 metre mechanical and fabrication workshop on our 2.5 acre site in Mount Isa. Our workshop has a full length overhead bridge crane, a well equipped machine shop and 2 x 20T rail and trolley sets.

▶ Products and Services

HardRok Engineering's customers range from small to large companies, servicing a variety of industries to whom we have supplied a great deal of products as noted below:

▶ Mining projects

Tanks, Bins, Chutes, Pipe and Spools, Conveyors and Conveyor Systems, Pump Skids, Mineral Processing Equipment and Loader Buckets

▶ Civil and Construction projects

Water Pump Station Upgrades, Water Quality Processing Modifications, Building Extensions and Modification, Steel

Components for Bridge Traffic Rails and Balustrades

▶ Transport Industry

Repairs to Chassis and Trailers, Concrete Agitators, Silos and Conveyors.

▶ Oil and Gas Industry

Storage Tank Components such as Pipe Supports, Manways, Walkways and Launder Assemblies

▶ Agriculture Industries

General Welding Repairs and Manufacture of Non Standard Gates.

SAFETY, QUALITY & EFFICIENCY

Capability Information

▶ Preferred Business

With our proven track record using the “One Stop Shop” approach we are able to offer a customised design, manufacturing and installation solution to meet your needs. Manufactured in house, installed and commissioned on site. This experience will ensure that our customers can rely on an established management system.

▶ HardRok Engineering - approach

We are proud to be a locally, family owned business, employing local people and supporting local Suppliers .

As a company we strive to be partner of choice in steel fabrication and in the Manufacturing arena

▶ Competitive Skills

HardRok Engineering is a preferred supplier to companies in various industries with a strong reputation for its safety, integrity, quality and extensive understanding and experience within the industry.

We pride ourselves on our ability and flexibility to respond quickly to urgent turnaround times, that are often required for breakdown repairs, by working night shift and weekends.

▶ Systems & Safety

We have had a strong Health & Safety record since inception. Established systems for the identification, management and mitigation of risks and targeting continuous performance improvement.

Success achieved through visible and stable leadership, the application of resources, processes, continuous education and a demonstrated commitment to our policies.

Committed to the protection of the natural environment, and the prevention of pollution, our employees take personal ownership of safety and are committed to delivering services safely and efficiently. The provision of this service is underpinned by the implementation and continual improvement of our Systems.

- ▶ Occupational Health and Safety Management System
- ▶ Fit for Duty policy
- ▶ Code of Business Conduct Policy
- ▶ Environmental Policy
- ▶ Quality Management Policy

SAFETY, QUALITY & EFFICIENCY

Working with Industry

Our relationship with the local and state providers ensures that we can align and work together with other service providers to meet your needs. Our experience in Mount Isa, Cloncurry and surrounds enables us to deploy resources far more efficiently.

We are a member of Commerce North West, and strive to keep up to date with industry news. At HardRok we are committed to playing a constructive role in our communities

Mission Statement

Our mission is to provide our clients with the timely supply of high quality Engineering Solutions. We take pride in the high standard of our services. We provide heavy engineering, project management and fabrication services to customers in the Mining, Minerals Processing, Port Facilities and Bulk Materials Handling Industries. To achieve this we will;

- ▶ Provide a **Safe** working environment for our clients and staff
- ▶ Grow our business and that of our clients through **Innovation**
- ▶ Act at all times with **Integrity** and in an **Accountable** way
- ▶ Use **Teamwork** to prosper and provide a better outcome for all
- ▶ Deliver **Customer Service** with a tailored, personalised and respectful approach
- ▶ HardRok Engineering is a local Mount Isa business servicing the Mining, and manufacturing industries in the North West Queensland and Southern Northern Territory areas. While giving back to the community by supporting local teams and projects.



Proudly Supporting the
Blackstar Rugby League



Local Apprentice Kyle Gray

SAFETY, QUALITY & EFFICIENCY

What We Do



HardRok Engineering is strongly focused on providing High quality work with acceptable turn around times, 24 hour 7 day a week operations and complete project management solutions. This includes solutions on site and at our workshop in Mount Isa. HardRok Engineering can supply Workshop fabrication, on site repair, maintenance monitoring and planning, labour hire, all conveyor/ belt splicing, hot and cold rubber lining and lagging needs.

- ▶ All of our work comes with a quality guarantee
- ▶ Staff - including
 - ▶ Boiler Makers,
 - ▶ Fitters and turners,
 - ▶ Project managers,
 - ▶ Belt splicers
 - ▶ Hot & Cold Rubber liners
 - ▶ Trades assistants
 - ▶ Project Snr Supervisor
- ▶ Vehicles include - Site Ready
 - ▶ 4 utilities
 - ▶ 2- 4 tonne trucks
 - ▶ 9 tonne truck

SAFETY, QUALITY & EFFICIENCY

Workshop Division

Our Workshop Division operates out of an 84m x 20m mechanical & Fabrication workshop on our 2.5acre site.

- Full length overhead Bridge Crane, Well equipped, machine shop
- 2 x 20t Trolley & Track accesses for large jobs.
- Large yard with easy access
- CNC Plasma Dual Head Cutting Machine Bed Size 3m x 8 m catering for plats 2.4m x 6m. Cuts Mild steel, Aluminum, Stainless Steel & Wear Plate
- Lathe 2000mm X 660mm swing, lathe 1800mm X 450mm swing and milling machine with 1370mm Bed.
- Radial Arm Drill with 1600mm Throat Height .
- All purpose fabrication facility with 600 amp Welding and Gouging units. Mig, Tig and Stick Welding. Fully Qualified Pressure Welders available
- All Mild Steel, Stainless Steel and Aluminum Fabrication and Welding.
- Punch & Shears.
- Large Capacity horizontal band saw
- Pipe Spool Fabrication with both Rubber and Ceramic Lining.
- Chute, Hopper, Structural Steel and Pressure Vessel Fabrication and Lining.
- Wear packages and plates using Bisalloy and Creusabro.
- Bucket and Dump Truck body overhaul



SAFETY, QUALITY & EFFICIENCY

Conveyor Division



With comprehensive field service support covering all aspects of conveyor maintenance with customized services to suit every specific needs of each customer.

- Belt Supply & installation
- Monitoring and Maintaining, and planning of all your Conveyor needs
- Distributor of Double Arrow Conveyor Belt with Conveyor Belt held on stock in Mount Isa
- Supply and Overhaul of Pulleys / Drums
- Hot/cold belt splicing
- Gearbox, Idlers and Pulley change outs and overhauls
- Belt cleaner adjustments
- Belt and Conveyor System management
- Conveyor Drum rebuilds and in situ relagging
- Supply and install of all conveyor products including Idlers, Cleaners and Frames
- Distributor for Mato products
- Suppliers of Flexco products



SAFETY, QUALITY & EFFICIENCY

Rubber Lining Division

With comprehensive in house hot and cold rubber lining.

- On Site Rubber Lining
- Auto clamp for Vulcanizing Rubber
- In house Rubber lining of Chutes, Bins, Pipes, Conveyor Pulleys and Tanks

The Autoclave has a capacity of 6.5m long x 2.2m diameter which should be capable of handling most hot lining situations. Larger items can be heated using specially assembled heating boxes.

- Provides a cheaper solution to rubber lining needs

Rubber availability

- 60 Duro - Type 1610 - 3mm, 6mm
- 40 Duro - Type 1483 - 3mm, 6mm, 10mm, 12mm
- Other sizes and colors are available on order



SAFETY, QUALITY & EFFICIENCY

Site Services Division

Multi skilled and experienced tradespeople available to meet all Engineering , Belt Splicing and shutdown requirements, on site around Mt Isa, North West QLD and N.T.

All of our newstarters go through a thorough Competency Assessment on Site tooling use and processes before going to site, which also includes a specific HardRok Site induction process, with a focus on safety.



- Projects - Site Measurements
Procurement
Fabrication & Installation
- Mechanical Maintenance Teams for Pumps,
Conveyors, crushing, floats, piping, rubber lining,
belt splicing
- Breakdown or emergency outage crews available
with short notice.
- Shutdown Crews
- Vehicles - full mine spec
Toyota Utilities
Toyota Wagons
2-4 Tonne Truck
9 Tonne Truck
- Equipment
575 Lincoln Diesel Welders
Air Vantage Welder
Wire Feeders with gauging capabilities
- Onsite Belt Splicing and Rubber Lining.
- Pressure Welders and equipment available on
request.
- Breakdown or emergency outage crews available
with short notice
- Labour Hire.
Supervisors
Boilermakers
Fitters
Riggers
Rubber Liners
Belt Splicers
Trades Assistants

SAFETY, QUALITY & EFFICIENCY

Projects

5.4m Rubber Lined Tank

- Fabricated in House
- Rubber Lined in House
- Ultra sonic and Mag particle tested
- Remote Logistics

Some of our Projects:

- Glencore Mount Isa Mines - Manufacture and supply anode and matte copper post, kress hauler slag pot and matte pot bridle arm assembly - Ongoing 2M
- Glencore - Supply of Wear Plate Liners for Chutes, conveyor systems, discharge Bins etc
- Cudeco - Design, manufacture and supply of rubber lined pipe work - Duration 3 yrs
- South 32 - Design, manufacture and supply fabricated structures for underground use at Cannington Mine
- Capricorn Copper - Wemco Cell refurbishments
- Jervious Mining - Mining equipment strategically separated for transport to Mount Isa for refurbishment

Refurbished Bucket

- Full in house refurbishment
- Refurbished with Creuserbro wear plates
- Co developed design with customer liaised with customer for better wear life.



SAFETY, QUALITY & EFFICIENCY