

Engineering Services:

- Design and Fabrication
- General Metal Fabrication
- Project Management
- CHPP Fabrication
- Building Construction
- Washplant Maintenance and Plant Installation •
- Shutdown Maintenance
- Shed Erection

- Heavy Equipment Repairs and Refurbishments
- Pipe Work
- Stair, Walkway and Handrail Installation
- Architectural Fabrication
- Underground Welding
- Industrial Tiling and Painting
- Aluminium, Stainless Steel
- Brass and Bronze Work

+ more



BWA Engineering Pty Ltd is a local company established in 2004 to service Mackay's rapidly growing industries, sugar mills and mines of the Bowen Basin. BWA has grown from a family business into a well-respected and recognized company that employs over 30 personnel. Director, Brian Archer has more than 30 years' experience in the mining and sugar industry. BWA specializes in a broad range of steel, Aluminium and stainless-steel fabrication for the mining, sugar and construction industries. We have a large mobile fleet of fabricators, welders, engineers and managers that specialize in meeting targets, schedules and budgets on our projects specializing in turn key shutdowns and emergency engineering and fabrication.



Underground Pump Station Refurbishments



Stainless Steel Handrails. Mackay Show Grounds

BWA also provides services in labour hire and machinery hire, industrial concreting and architectural fabrication. Our modern facilities allow BWA to provide fast reliable services carried out in a professional manner to the highest of standards.



Underpan for Desliming Screen

With a newly constructed workshop in Paget, BWA are able to complete larger projects and employ a larger work force. BWA encompasses a vision to be the best at what they do now and in the future, by providing quick service while maintaining a very high standard in product quality.

> CHPP Upgrade Mid-Construction Cook Colliery



Capabilities and Experience



3D Drafting Capabilities



Vibrating Reject Screen

BWA ENGINEERING HAS A HIGH LEVEL OF EXPERIENCE IN:

- Washplant shutdowns and maintenance
- Washplant fabrication and construction
- Managing Construction Projects
- Pipework for washplants and mills
- Large scale trailer construction for dewatering systems and boats
- Industrial, commercial and residential stairs, walkways and handrails
- Fabrication and Installation of various vibrating screens and underpans
- Installation of rotary breakers
- Fabrication and installation of conveyor portal frames
- Conveyor Installation and plant guarding
- Large scale container shelter erection
- Shed/Warehouse construction and erection
- Concrete dozer pad construction



Refurbishment and Installation of Coal Reclaimers

BWA ENGINEERING CAPABILITIES INCLUDE:

- Design and Fabrication
- 3D Drafting
- General Metal Fabrication
- Structural Steelwork
- Shed Erection
- Heavy Equipment Repairs and Refurbishments
- Aluminium and Stainless Steel
- Brass and Bronze Work
- Pipe Work
- Stair, Walkway and Handrail Installation
- Architectural Fabrication
- Underground Welding
- Washplant Maintenance
- Plant installation
- Shutdown Maintenance
- Civil Works
- Redesign, fabrication and installation of various chutes and feed boxes for washplants
- Fabrication and Installation of reject surge bins
- Underground and washplant monorails
- Fabrication of centrifuge baskets
- Rotary breaker tyre linishing
- Bucket and dump tray refurbishments
- Longwall repairs
- Aluminium Boat Repairs and Pod Extensions
- plus much more.



Fabrication and Installation of Rotary Breaker Station and Components *Cook Colliery*

Facilities and Equipment



Paget Workshop

- 10 Large Working Bays
- Training Rooms
- SS, Aluminium, Brass, Bronze and Mild Steel Welding
- MIG, TIG, Stick, Hard Facing, Cast Iron Spray Welding
- Oxy and Plasma Cutting
- Lathe 780 Swing
- 250 tonne Press Brake
- Section and Pipe Rollers
- Specialised Pipe Tooling
- 2 off 10T Overhead Cranes

On Site

- Blasting and Painting
- Mobile Oxy and Welders
- Lincoln SAM 400 and Vantage
 Welders
- 20kva and 7kva Generators
- Underground Welders
- Concreting Equipment
- Rotary Breaker Tyre Linishing
- Concrete Cutting and Drilling
- Dustless Grit Blasting

Fleet

- 4x4 Dual Cab Utes
- 6 tonne truck
- 10 Seater Bus
- 16 tonne Franna Crane
- 20 tonne Franna Crane
 - 33 tonne excavator
 - 4x4 JCB Backhoe
 - Forklifts
 - 34ft, 45ft, 85ft Elevated Work
 Platforms
 - Scissor Lift

Gallery

CHPP Upgrade – Structural Steel, Pipework and Various CHPP Components

























Site Tool Box

CHPP – Product Screen



Conveyor Belt Stand



Dozer Concrete Pad





Conveyor Belt Reels

Cylindrical Tank







Excavator Bucket

Pipe Fabrication and Installation



Architectural Gate

SS Handrails





Ventilation Adaptor

Train Loadout Chute

Gallery

Marine and Stainless Steel





Stainless Steel Boat Handrails

SS Rod Holders, Radar and Satellite Aerial Holder



SS Handrail and Rod Holders



Stainless Steel Pump Station – Hayman Island



Boat Trailer Repair and Refurbishment