

COMPANY PROFILE



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ABOUT OUR COMPANY

15

team members

5

years in business

Local

*Locally owned
business*

North Coast Engineering & Mechanical, are passionate about the welding and fabrication industry. We were established with the simple mission of bringing quality work to the industry and making sure our clients are unreservedly satisfied with our services . We offer services in earthmoving equipment repairs, line boring, fitting and turning, general fabrication and structural steel.



OUR MISSION

Quality tradesmanship - Through quality tradesmanship our clients will be unreservedly satisfied with our services.

WHAT WE DO

LINE BORING

Our line boring specialists can reduce downtime and optimise production levels for both fixed and mobile plant.

Services we offer (not limited to):

- Line boring
- Internal diameter welding
- Face welding and repair
- Bearing installation
- Reclaiming of faces
- Hoffman facing head

HEAVY EQUIPMENT REPAIR

Repair and maintenance on heavy-duty machines and vehicles.

Services we offer (not limited to):

- Crack repair
- Re-skin blades and buckets
- Wear packages on equipment
- Heavy fabrication
- Site welding

GENERAL FABRICATION

Our workshop is fully equipped with all the machines and gear.

Services we offer (not limited to):

- Toolboxes
- Fuel tanks
- Structural steel
- Chute repairs/fabrication
- Modifications and repairs

MACHINING & MECHANICAL FITTING

Within the workshop we have a number of machines, such as lathes, milling machines and drills. With our equipment we are able to manufacture and re-claim with precision.

We are equipped with mobile fitter site vehicles to service clients onsite if required, we can do this locally and remotely.

Our fitting division specialises in the mining, quarry, crushing, heavy marine and general fitting industries.

LINE BORING & HEAVY EQUIPMENT REPAIR

We offer a wide range of services from line boring, repairing plant and earth moving equipment and heavy equipment bucket repair.

Our Line Boring specialists can help you reduce downtime and optimise production levels for both fixed and mobile plant.

Our experienced Line Borers understand the accuracy and tolerance required by the manufacturers for correct fit and alignment of various machines and parts.

Our Line Borers will take your equipment back to the original factory specifications and adhere to all original equipment manufacturing tolerances.



LINE BORING & HEAVY EQUIPMENT REPAIR

We offer an array of onsite and remote line boring services throughout Queensland. We are well set up with specialist welding equipment such as automatic I.D units and heavy duty 500 amp diesel welders. Our heavy duty site vehicles are set up with all aspects of line boring and heavy duty boilermaking in mind, such as, diesel compressors, air arc, oxy acetylene, hydraulic pressing equipment, wire feeders, measuring equipment to name a few.

We provide comprehensive advice of best repair practices and re-engineering of components, often creating a service life greater than the original new part.



GENERAL FABRICATION

Using 3D modelling software, we can develop drawings from your idea to a fabricated or machined reality. Some custom fabrication services we offer include, fuel tanks, tool boxes, side boxes, boat trailer repairs, fabrication, structural steel fabrication and erection.



GENERAL FABRICATION & MACHINING

Our team is certified in a combination of welding procedures, from lifting points, crane boom repairs and structural repairs. We offer services in a variety of welding processes including TIG, MIG, stick, brazing/silver soldering. Our workshop is fully equipped with a CNC plasma cutter, lathes, milling machines, folders, guillotines and several varieties of welders.





MT CARBINE WET PLANT PRIMARY SCREEN PROJECT

Mt Carbine EQ Resources engaged with North Coast Engineering to repair their wet plant primary screen onsite.

The repairs were estimated to take two to three weeks and required our team to rotate 24 hour shifts to alleviate downtime.

MT CARBINE WET PLANT PRIMARY SCREEN PROJECT

We liaised with the supplier of the screen, the technicians and engineers to obtain the specifications and confirm the repair procedures. We then removed all the feed conveyors, chutes, guards and engaged with the local crane company to move the screen chutes to the ground allowing access to the primary screen.

With heavy hualage, cranage, dogging and rigging, we then moved the primary screen from the crushing circuit down to the maintenance shed where we set up a temporary boilermaking workshop. Once the primary screen was in the shed we began the repair procedures by bracing the side walls of the screen, removing the exciter drive beam, punch plates and top substructure. With the line up of the exciter drive beam being integral to the longevity of the screen we were meticulous with our referencing before removing a large section of the side wall.



MT CARBINE WET PLANT PRIMARY SCREEN PROJECT

After removing the damaged section, we cut a new side wall plate with the appropriate weld preps as per specifications. We cut and drilled the new exciter drive beam locations and began the weld out procedure, while this was happening we also had a team working on the top sub structure rebuilding the torque tubes, bracing material and punch plate hold down locators.

After the side wall repair was successfully remanufactured, we then started the task of reassembling and aligning the exciter drive beam and the top sub structure with new huck bolts. With heavy haulage, cranage, dogging and rigging we moved the primary screen from the maintenance shed back up to the crushing circuit. We reinstated all conveyors, chutes and guards and recommissioned the screen.



DAVBRIDGE PROJECT

North Coast Engineering & Mechanical were engaged by Davbridge to assist with bridge works.

We provide them a service that includes site pipe welding and spud joining, structural steel fabrication and general fabrication of parts. The main scope of work for us is to join new sections of pipe once they are driven into the ground. Each pipe join has multi pass weld runs and a weld procedure that had to be met while welding. This part of the job is crucial for the work to proceed, also for the removal of piles when the job was completed.

We fabricated a structure for the piles that had to be driven into the water ensuring that the piles were straight while being driven into the ground, this also became a safe work platform.



DAVBRIDGE PROJECT

Davbridge had many processes that they use while driving in piles, however two processes that they were using here in Cairns were not working due to the ground's toughness. We got involved in solving the issues and came up with solutions to fix both problems, saving time and money for Davbridge.

Part of this project is still current and Davbridge are achieving the set timeframes with our services.



MT CARBINE RETREATMENT MANAGEMENT PTY LTD

ABN 43 633 215 844

To whom it may concern

Recently I have engaged the services of Karl Stokes and Devlin Waterhouse from North Coast Engineering to carry out bucket repairs at our Mt Carbine Site on our excavators. Since I began utilising their services, I have found them to be very professional and extremely knowledgeable. The quality of their workmanship is second to none and it is always completed to a very high standard and in a timely manner. Since the initial engagement of North Coast Engineering, I have been utilising them for other projects around the site other than just bucket repairs and they are more than capable. We will be using them also to refurbish the buckets on the loaders when the time arises.

I am more than happy to recommend North Coast Engineering for any upcoming future projects, and we look forward to working with them for an extended period.

If you have any questions and require any further information, please don't hesitate to call me on the below number.

Mick Barry



Maintenance Manager



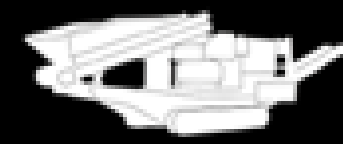
Mt Carbine Quarrying Operations Pty Ltd; and

Mt Carbine Retreatment Management Pty Ltd

6888 Mulligan Highway, Mt Carbine Qld 4871



NITRO CRUSHING



Done right the first time"

North Coast Engineering Reference From Nitro Crushing

Nitro Crushing is a contract crushing organisation which services the civil, quarrying and mining industries. We have four complete crushing trains, sixteen crushers and screens that North Coast Engineering help us to keep running. Nitro engaged North Coast Engineering last year to rebuild a Finlay 1175 Jaw crusher that was undergoing a major overhaul refit. The work completed by North Coast was of the highest quality and at a reasonable price affording us great value for money. The job was to replace all wear plates, repair damaged structure to the chamber and shoots and rebuild the vibrating feeder. Since this original refit North Coast have completed similar jobs on another three Jaw crushers, two cone crushers and a screen. North Coast have also rebuilt an excavator bucket for a 50t excavator that was superb workmanship. Karl and Devlin are both customer focused and keep a close eye on all jobs to ensure their customers are happy and get value for money, they often come back to us with better cheaper alternatives. I would highly recommend North Coast Engineering and would be happy to talk to any one as a reference.

Hamish Jenkins

Hamish Jenkins
General Manager



20th April 2021

Re: Letter of Reference – North Coast Engineering

To Whom it May Concern,

Phoenix have recently engaged Karl and the team at North Coast Engineering to undertake works at the Cairns Marlin Marina for Ports North.

We found North Coast Engineering to be prompt and professional to deal with in the lead up to the project. This continued during the project, with Karl and his team adhering to the strict site & project guidelines in terms of quality, time frames, safety etc.

North Coast Engineering have demonstrated that their company culture aligns with Phoenix i.e. Customer & quality focused, ethical, hardworking, flexible and safe. Based on this, Phoenix will not hesitate to engage North Coast Engineering on future projects.

If you have any questions pleased don't hesitate to contact me on 0448 351 138.

Kind Regards

Chris Sternbeck

Director



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Web: www.greatenergy.com.au



Energy Solutions. Energy Providers.

To whom it may concern,

We at Great Energy in Cairns have been dealing with Dev and the team at North Coast Engineering for approximately 12 months. Great Energy engage the services of North Coast Engineering when we require technical custom made engineering products for use on our generator sets and workshop equipment.

Our customers demand a high standard of workmanship with our products, for this reason when engineering products are required that are outside of our teams capabilities, North Coast Engineering is our first point of call.

Sincerely,

Brodie Great
Mechanical Manager
Great Energy Pty Ltd



CONTACT

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