



# COMPANY PROFILE

Mackay Piping Pty Ltd - 2018

## WORK PRACTICES

Mackay Piping has substantial experiences and expertise in all aspects of Domestic and Commercial Piping & Plumbing Projects. Including the installation and maintenance of coal loading piping systems and components at numerous sites Queensland wide.

Our primary purpose is to deliver a standard of excellence to our clients, and we are dedicated to maintaining the highest standards in the industry to ensure we deliver the highest quality.

Our skilful crew offer quality pipe fabrication and installation services and have the ability to customise to suit your installation requirements. Our company offers complete piping systems including poly, carbon and stainless steel, and engages in all types of pipe installation.

Mackay Piping offers all equipment to complete any piping installation contract whether it be poly, threaded, carbon and stainless steel welded, stainless steel, press fit or roll grooved piping and general fabrication components. Our staff are provided with current coal board generic inductions.

Mackay Piping recognise that the efficiency and accuracy for completion of work within client project deadlines is extremely important. We provide our customers with quality and endeavour to complete all projects on schedule. Our controlled work environment provides efficient productivity, quality assurance, quality control and safety.

## QUALITY

Mackay Piping is committed to providing quality in both product and service to its clients from initial inquiry through to final delivery. Quality Assurance is seen as being one of the most fundamental parts of the company's aims and objectives along with safe working environments and market competitiveness.

Mackay Piping is fully committed to meeting contractual, statutory and regulatory obligations/requirements for safety, service, quality and reliability in the areas of Manufacture and Installation of Steel Structure and piping systems.

To ensure that the required level of quality is achieved, Mackay Piping operates a Quality system based on the requirements of AS / NZS ISO 9001.

*Mackay Piping believe that success is achieved by:*

- a) Training and motivation
- b) Adherence to documented procedures
- c) Alignment with approved suppliers/subcontractors
- d) Investigation of deficiency and implementation of effective corrective action
- e) Incorporating Safety into day to day activities
- f) Business planning, resource management and monitoring of keyperformance indicators
- g) Continuous Quality system improvement

Mackay Piping is committed in providing quality in both product and service to its clients and in providing all resources necessary to achieve these objectives, this in turn will give our customers an assurance of quality and our employees the benefits of job satisfaction.

## SAFETY

Mackay Piping has focus on strong safety awareness and training and promotes a "Zero Harm" policy in every aspect. We employ a full time HSE Safety Manager, with extensive knowledge of the coal industry, who runs an in depth Safety and Health Management system with the safety of our staff as a priority.





## CERTIFICATION

Mackay Piping is Managed by WTIA certified Personnel as below.

- a) Certified International Welding Inspector
- b) Certified International Welding Specialist
- c) WTIA QC Welding Coordinator
- d) Certified AS1796 Pressure Vessels Welding Supervisor
- e) Certified AS2214 Structural Steel Welding Supervisor



## SUBCONTRACTORS

Subcontractors utilised by Mackay Piping are also accredited to a similar level. Mackay Piping is totally committed to the highest technical standards, and we consider the quality of our service and products to be an investment in our client's future, our company's future and the integrity of our industry.



## WELDING PROCEDURES

Welding Procedures held and practiced as below

- a) AS/NZ3992, ASMEIX GTAW Carbon/Stainless steel small & large bore
- b) AS/NZ3992, ASMEIX GTAW/MMAW Carbon/Stainless steel large bore
- c) AS/NZ3992, ASMEIX GTAW/FCAW Carbon/Stainless steel large bore
- d) AS/NZ3992, ASMEIX GMAW/FCAW Carbon/Stainless steel large bore
- e) AS/NZ1554.1 FCAW Carbon steel plate (various thicknesses)
- f) AS/NZ1554.1 GMAW Carbon steel plate (various thicknesses)



## SPECIALIST WORK METHODS

- Certified welding inspection
- Structural steel
- Poly pipe welding and installation
- Roll groove piping
- Threaded piping
- Stainless steel press-fit piping
- High pressure piping stainless and mild steel
- Stainless pipe welding GTAW MMAW methods
- Drainage and water main piping
- General aluminium welding
- General stainless pipe and structural welding
- Installation of belt wash and belt scrapper systems
- Spooling and installation poly/stainless slurry lines
- Installation of stainless steel and poly utility water and air piping
- Installation and piping of tank and sump systems
- Installation of fire suppression systems
- Spooling of welded stainless steel and carbon steel piping
- Installation of S/S victualic press fit piping and components
- Fabrication and welding of light structural steel
- Quality assurance documentation
- Testing and commissioning
- Labour hire



## INDUSTRY EXPERIENCE

- Boiler Installation and maintenance
- Steel Fabrication
- Tank Manufacture
- Coal Terminal projects & maintenance piping
- Coal Mining projects and Maintenance Piping
- Sugar Industry Piping
- Copper Piping
- DICAL and MISC Piping above & below ground
- Water Recycling Process Piping
- Pipe Spooling
- Lubrication storage and dispensing
- Fire Suppression Piping
- Aluminium Fabrication
- Stainless Steel Fabrication
- PVC Piping and Drainage
- Planned Maintenance Systems

## CLIENT PORTFOLIO

Mackay Pippings primary purpose is to deliver a standard of excellence to our clients, and we are dedicated to maintaining the highest standard of quality workmanship and professionalism.

It has been our great privilege to have worked with clients on the following projects:



### G & S ENGINEERING

*Dalrymple Bay Coal Terminal 7X Project.*  
General piping and maintenance

*Plan Creek Mill*  
CSRRetubing and steam lines

*Racecourse Sugar Mill*  
Boiler Installation

*Race Course Sugar Mill Racogen Project*  
Project Installation of boiler and steamturbine

*Hay Point Coal Terminal*  
Rail dumper and stacker shutdowns

*Hay Point Coal Terminal*  
Stacker 1 Shutdown



### JOHN HOLLAND

*Dalrymple Bay Coal Terminal 7X Project.*  
General piping

*Abbot Point Coal Terminal X50 Project*  
General piping



### WALZ CONSTRUCTION

*Hay Point Coal Terminal*  
Ship loader shutdowns



### DBCT

*Dalrymple Bay Coal Terminal*  
General piping and maintenance

Sound attenuation rail receival 1,2,3

Supply and Installation of Sparge Piping and  
Additional Drainage Work in SB2

*L5/L6 Drive Tower*  
Drainage Improvements and Vacuum line

*SR5/RL2 Drive Tower*  
Recliner shutdowns

### WATSON ENGINEERING

*Bundamba Water Recycling Plant*  
Workshop spooling of S/S Piping

DBCT MANAGEMENT



### DBCT MANAGEMENT

*DBCT7X Project*  
Punch List  
General Piping Maintenance  
Denso Pile wrapping



### AE SMITH

*Canelands Shopping Centre Mackay*  
Air Conditioning Piping



### MONODELPHOUS

*Dalrymple Bay Coal Terminal 7X Project.*  
General piping

*Goonyella Mine*  
MIBC Stainless Piping Installation

*Goonyella & Goonyella Riverside Mines*  
MIBC SS piping and pump stations

### TENIX

*Whitsundays STP Project*  
Supply and Install Stainless Steel Piping



### BAULDERSTONE

*Townsville Waste Upgrade Project*  
General piping and fabrication

*Mackay Hospital Project*  
General air conditioning piping



### TEAM ENGINEERING

*Abbot Point X25 Project*  
General Piping and Boiler Making

### WILMAR

Boiler shutdowns

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### AGL ENERGY SERVICES

*Mackay Base Hospital*  
Weld Fittings to pressure vessel



### THOMAS AND COFFEY

*Hail Creek Mine Heavy Vehicle Workshop*  
*Extension*  
Compressed Air and Lubrication dispensing stations



### THO SERVICES LIMITED

*Peabody Energy Millenium Mine*  
Lubrications and Coolant storage and dispensing stations



### DOWDENS PUMPING

*Workshop*  
Spooling of carbon and stainless steel piping



### MCCONNELL DOWELL

*Hay Point - HPX3*  
Supply Certified Welding Inspector



### GOODLINE

*Dalrymple Bay Coal Terminal*  
Reclaimer RL3 Project



### CROMFORD PIPE

*Workshop*  
Spooling of carbon and stainless steel piping



### GLOBAL CONSTRUCTION ENGINEERING

*Workshop*  
General High Pressure Piping



### VASSALLO CONSTRUCTIONS

*DBCT Industrial Dam Upgrade*  
Supply and installation of Piping, Structural Steel and Handrail  
*DBCT Industrial Dam 600nb Pipeline*  
Supply and installation of Stainless, Poly and DICI Piping

### SDV LONGWALL SUPPORT

*Crinum & Carborough Downs*  
Roof Support Shutdown

### SMS SOLS MINING SERVICE

*P&H Shovel Shut Down - Coppabella*  
Supplied Tested Welders

### VALMAR ENGINEERING

*Plain Creek Sugar Mill*  
Supply Pressure Welders  
*Mackay Sugar Racecourse Mill*  
Supply Pressure Welders