


A&B *Welding*

Specialists in all alloy & carbon steel piping & welding



Servicing Oil & Gas • Power Generation • Petro Chemical Industries



A & B Welding Pty Ltd is a fully accredited, privately owned Northern Territory company renowned for providing high-quality, practical and cost-saving solutions for the most challenging piping projects.

Established in 1986, the company has extensive experience in the manufacture and welding of piping systems for the Petro Chemical, Power Generation and predominantly Oil and Gas industries, providing pipe spooling, structural fabrication and offshore facility maintenance.

Our quality processes and highly skilled team ensure that even the most demanding deadlines and requirements are met. We only employ fully qualified trades personnel so our clients can be assured of the highest standard of workmanship. We aim to be the best in our field and capitalise on our expertise and knowledge to deliver results above and beyond our clients' expectations, at very competitive prices.

Our Specialist Team

A & B Welding's Managing Director, Grant Ryan, has 20 years of post-trade experience in the manufacture and welding of various piping systems working both on and offshore as a Welder and Welding Supervisor. A Boilermaker by trade, Grant also has International Welding Practitioner (IWP), International Welding Specialist (IWS), International Welding Inspector (IWIB) and Certified Welding Inspector (CWI) qualifications and is the company's Responsible Welding Coordinator (RWC).

Tracy Ryan, the HSE/Office Manager has an Advanced Diploma in Occupational Health & Safety and is responsible for office management and business operations.

The company currently employs thirteen qualified tradesmen and has access to a pool of other welding professionals as and when required.

Our Services

Services provided include but are not limited to:

- Specialised Welding of Exotic Pipe Spooling
- Piping for Low and High Pressure Applications
- Fabrication and Welding of Pipe Systems
- Production and Process Piping Systems
- Gas Piping – Metering Skids – Hot Tapping
- Fully Qualified Welding to Approved Codes and Standards
- Pipe and Structural Fabrication
- Crossovers, Flow Lines and Test Equipment Spooling
- Hydrostatic Testing
- Onsite Work
- Offshore Labour Hire and Maintenance

Delivering Results

Client Support

We understand that the financial impact of downtime can be very detrimental to the clients we support in high-risk industries. They require world-class products and services to be delivered on time every time. A & B Welding is renowned for being available 24/7 to assist and to meet any emergency deadlines.

Focus on OH&S

Meeting deadlines and ensuring we achieve consistent productivity are among our many goals however they never take precedence over the safety of our personnel or project sites. Our commitment to OH&S extends to all stakeholders.

Our ultimate goal is no unsafe acts.

Quality Systems = Quality Products

By following our quality systems and also adhering to our clients' specific quality requirements, we ensure that strict compliance applies at all times. We guarantee that our workmanship on every job is of the highest quality and that every product that leaves our workshop is fully traceable.

Recognised Expertise

A & B Welding is at the forefront of specialist welding techniques and has developed an extensive range of welding procedures that comply with the strict regulations set out in ASME IX, ASME B31.3, AWS D1.1, AWS D1.6 and AS 4041, AS 3992, AS/NZS 1554 Parts 1 and 6, AS2885.2, ISO 15156 NACE MR0175 and client specifications.

The company is recognised for being very experienced in all types of piping fabrication from basic straight spools to highly complex configurations for low pressure systems and extremely high pressure applications.



Offshore Experience

A & B Welding commenced offshore work in 1987 on the Jabiru Venture, the first FPSO in Australian waters. We have extensive offshore experience and today we provide labour hire to perform maintenance and shut down scopes on a number of oil and gas facilities.

Our offshore personnel obtain an Oil and Gas UK Medical Examination (UKOOA) certificate, a Maritime Security Identification Card (MSIC) and complete the Common Safety Training Program (CSTP). They also undertake specialised training such as Tropical Basic Offshore Safety Induction and Emergency Training (TBOSIET), Working at Heights, Confined Spaces, Travel Safely by Boat and Fire Fighting Training.

Specialist Welding

We have approved weld procedures in place for Manual Metal Arc Welding MMAW (SMAW), Gas Tungsten Arc Welding GTAW, Flux Core Arc Welding FCAW and Gas Metal Arc Welding GMAW-S (Short circuit transfer mode using surface tension transfer method). These procedures apply to both plate and pipe in all sizes, and materials covered include all carbon steels, low temperature carbon steels, austenitic stainless steels, duplex stainless steels, Low V Alloyed Cr-Mo (Ni) Steels, Cr-Mo Steels, Cu-Ni Alloys, aluminium brass and copper.

A & B Welding conducts emergency response welding which involves welding on live gas transmission pipelines and hot tapping, where operator skill is critical to ensure heat sink into parent material is within variables, and the flow of gas is maintained.



Our Accreditations & Systems

A & B Welding maintains the highest level of quality by adhering to Australian and world recognised standards across all its operations, processes, products and services.

We operate under the following systems and certifications:

AS/NZS ISO 9001:2008

Quality Management

AS/NZS 4801:2001

Occupational Health & Safety Management

AS/NZS ISO 14001:2004

Environmental Management

ISO/IEC 17025

Mechanical Testing

AS/NZS ISO 3834 Part 2

Welding Quality Assurance

A & B Welding was the first Company in Australia to obtain this Accreditation.

Our Plant & Equipment

All plant and equipment is maintained in excellent condition to Australian industry standards at our custom-built facilities which include a 2,200 m² undercover workshop, a 5,747m² hardstand area plus offices and amenities, located in close proximity to the Marine Supply Base, Darwin's oil & gas hub, East Arm.



Equipment

- Franna Crane
- Gantry Cranes
- Forklift
- Positioners
- Punch & Shear Machine
- Ingersoll Rand Compressor
- Lathe & Bandsaw
- Maximator Hydro Pump
- Cigweld 3 Phase Welders
- Weldamatic 395 Welders
- Invertec STT11 Welders
- Lincoln Invertec Welders
- Miller Syncrowave Welders
- Shindaiwi Diesel Welder
- Drill Presses
- Hypertherm Plasma Cutter

Capacity

- 14T
- 5T / 10T
- 3.5T
- 2T / 3T / 5T
- 60T
- 34.2 CuFm
- 20,000 psi
- 500A
- 395A
- 400A
- 270A
- 270A
- 400A
- 40mm



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