

Capability Statement



Contents

- What we do
- A little bit about us
- Capabilities
- Safety
- Compliance
- Company Details
- Capability Statement
- Services
- Low Risk
- Key Projects
- Facilities & Equipment
- People
- Trade References
- Project History & Referees
- Success





Our purpose is to build structures that matter together
for people who do too.

What we do

We're specialist fabricators of heavy and complex structural steel. We collaboratively build structures, from design optimisation through to installation, that benefit many Australians.



68 Weber Road, Bowhill SA 5238

BLN: 166373

ABN: 33 911 388 370

bowhillengineering.com.au

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A little bit about us

- Smarter together
- Complexity done excellently
- Cost with certainty
- Committed to the community

In an increasingly competitive and high-stakes infrastructure game, you need a bidding edge. And the bidding edge comes from working with a specialist heavy and complex steel fabrication supplier who will partner with you — not just take your order.



We start by bringing together a team of experts across design, surveying, drafting, engineering, fabrication and surface treatment, transportation/ logistics, and erection to ask the questions others don't and find the efficiencies others can't.



When you're looking for specialist heavy and complex steel engineering, most fabricators talk quality; we've got 40 years demonstrating it. Our facilities and equipment are set up to handle the heavy, large and complex parts of any project — think ferry hulls and 50m long pedestrian overpasses.



We're able to offer certainty of costs because we control our end-to-end process by designing, fabricating, preparing, and painting all our steel under one roof. By being able to take care of the transport through to on-site erection, we're able to control what happens to the whole process.



Helping the community isn't something many structural steel engineers boast about, but as a multigeneration family-owned business, contributing to our community is part of our DNA — and it's what sets us apart.

Capabilities

3,000 m² + 8.1m

workshop floor area & SA's
widest blast area



Heavy and oversize transport
specialists with 140t on site
movement capability

2500t

Structural Steel Capability
per year



Extensive prequalified weld
procedures

30+ & \$10m

Projected staff numbers &
project capability



Design consulting and
detailing

Safety

We work together to ensure we are safe.

We have developed a system that unlocks the combined energy of a highly engaged hazard committee. We remain focused on proactively reducing the risk of injury to all of our staff, and indeed anyone that visits our facility or works with us on our site or our customer's site.

“Working with clients such as LendLease, McConnell Dowell, Bechtel Raytheon, DPTI & BHBP have seen Bowhill Engineering build QA systems 2nd to none. Clients love our accuracy & timeliness of our documentation and the surety in risk reduction.”

- Jodie Hawkes, Chief Financial Officer

- **AS4801:** 2004 Safety Management System
People matter, so we provide a consistent approach to assess and reduce risks
- **Safework SA Awards:** 2012 High Commendation for “Best workplace health and safety management system”
- **National Award:** 2012 “outstanding Site Award”
Australian Steel Institute



WHSE Statistics updated monthly – includes LTIFR (Lost Time Injury Frequency Rates)

Compliance

**We do things the right way, every time.
No exceptions.**

We're immensely proud of the fact we've embedded compliance into our culture. This dedication to doing things the right way for our staff, our clients, and our environment is how we're able to point to a track record in quality, safety, and environment that's unmatched in our industry.

“Bowhill Engineering's commitment to its Integrated Business Management Systems including Safety is by far the best that I have seen in a small/medium manufacturing business. Its commitment to process compliance via a sophisticated document management system that is easily accessible to all stakeholders is commendable.”

- Darren Lea, Director, Perpetual Results Australia

- **ISO9001:** 2015 Quality Management System
Provides certainty and reduces risk, ensuring a professional system for every process
- **AS4801:** 2004 Safety Management System
People matter, so we provide a consistent approach to assess and reduce risks
- **ISO14001:** 2015 Environment Management System
We care about where we live and want to ensure our environmental footprint is minimal
- **AS5131:** 2015 Steelwork Compliance Australia (SCA) – Construction Category 3
Industry regulated to ensure quality compliance of structural steel fabrication and erection
- Building Work Contractor
Licence registration details for construction and building works



Company Details

Trading Name:

Bowhill Engineering

Registered Address: (and principal place of business)

68 Weber Road
Bowhill SA 5238

Bowhill Engineering Pty Ltd ITF Hawkes Family Trust

Registered: 2/5/1995

Licensing and Business Registration:

ACN: 069 189 519
ABN: 33 911 388 370
Contractor Licence #: BLD 166373

Workcover:

Policy Number: E13282201

Public Liability Insurance:

Company: Elders/Lloyds of London
Policy Number: GLQ 15 0000384
Amount Insured: \$20,000,000
Date of Policy: 3/8/17 – 3/8/18

Bank Details:

Bank:	Commonwealth
Branch:	Murray Bridge
BSB:	065-505
Account No:	1003 3714
Account Name:	Bowhill Engineering P/L

“Bowhill Engineering has always demonstrated outstanding communication whether it be complying with contractual obligations or conveying engineering solutions to enhance the overall project directives and timelines. Respect for our clients views and requirements have always been met with positive enthusiasm even when dealing with difficult or demanding circumstances. Their QA and safety systems are very mature and it is clearly evident that they take seriously their commitment to safety and quality, in both action and documented processes...”

- Mark Osborne, Business SA Advisor

Capability Statement

Bowhill Engineering is an innovative structural steel engineering firm with specialist capability in large complex steel structures. Founded in the early 70's, for the past 25 years Bowhill has developed an enviable track-record for project delivery. Bowhill's reputation is built on:

- Specialising in large complex structural steel
- Being easy to do business with
- Offering a collaborative problem solving approach
- High capability for developing innovative solutions
- Track record for delivery-on time and with high quality
- Price competitiveness

Bowhill is widely recognised for excelling at technical challenges. Their collaborative approach draws together project stakeholders driving down the risk profile to ensure successful outcomes. Their geographic location suits their core competency and allows efficient transport anywhere in Australia.

Bowhill directly employs a stable workforce of 20-25 highly specialised staff, this strengthens their community and provides the ability to deliver world class innovative solutions for their national clients. The firm delivers some \$5 million worth of landmark projects annually.

Bowhill lead the way with their integrated systems and professionalism, a “boutique” firm focused on a specialisation in a very specific niche in the construction market.

Regarded as specialists in complex & heavy structural steel fabrication, particularly larger components. Bowhill have

deliberately developed their core competency which has allowed them to highly develop their skills. When coupled with their purpose built fabrication facility complete with one of Australia's widest blast chambers, their competency is highly sought after. This allows Bowhill to produce these challenging size projects with absolute safety and the efficiency gained translates into competitive rates.

Bowhill's target markets include government infrastructure, mining, water, defence and commercial building - Bowhill Engineering have successfully completed many critically important projects for these industries.



Services

Bowhill Engineering have a proven track record, the many benefits to our clients are enforced by the rock solid reputation that we've built over some 40+ years in business.

Methodology Development

Our wealth of experience, innovative staff and state of the art software, well equips us to serve our customers with safe, efficient and synchronized methodologies. ECI type contracts or complex tasks that need “proving” before manufacture are common for Bowhill Engineering. 3D simulation enables us to electronically trial proposals, identifying the merit from a physical, safety and practical, standpoint.

This impressive project required strong methodology development to maximise build-ability and accuracy.

Speed and Accuracy

Drafting using Tekla 3D software and the associated free BimSight collaboration software has allowed us to achieve lean manufacture principles and error proofing through all project stages. This results in NC format files (which are developed straight from the project model) being sent via email straight to the steel merchant for CNC processing. Accuracy and speed are huge advantages resulting from this process.

“ We do things for our customer's convenience, not our own ”

- Jeremy Hawkes, Managing Director



Services (cont.)

Value for money

With a committed stable and experienced workforce (average staff retention rate in excess of 5 years), recruited for their unique skill and experience, we are able to reliably produce structural fabrication components of exceptional quality at competitive market rates. We do this through our lean manufacturing processes as well as utilising SA's extensive industry supply chain. We manage the potential risks of outsourcing by fostering strong supplier networks and contracts.

This approach is an extremely effective way of achieving an impressive result for all stake holders on a project. Minimization of capital outlay reduces costly overheads, increases our overall capacity and benefits our clients through the resulting low cost structure. This strategic approach allows an impressive quantity of available capability, whilst allowing a nimble structure with diverse skills. This ability to be very flexible and adaptable can be applied to many different challenges and industries without compromising our core focus of heavy and complex structural steel.

Reputation

We have runs on the board. By nominating us on your project team, your clients or stakeholders will be favourable to your overall proposal.

Bowhill Engineering have been active in the building and construction industry since the late 1990's. Our reputation is something that we are passionate about and something that we take great care of. As you well know, in this industry any

mistakes are well known and reputations are easily damaged. Throughout this entire time Bowhill Engineering have not one tarnish on their reputation, quite a testament, and rarely seen.

Surface Treatment

A modern surface treatment facility that is specifically designed to efficiently handle large components, in an environmentally sensitive way. Our Blast room is one of the widest in Australia! The ability to complete this critically important process on our manufacturing site is hugely beneficial to you as our client because it results in savings, quality control and effective loading on transport. In simple terms we can ensure that you get what you want, when you want it! Without this in-house service other fabricators are at the mercy of the industry, and they simply do not have the control that this critical process demands.

“This process protects the clients valuable investment, it must be right”

- Tom Dennis, Production Manager

Low Risk

Risk minimization is paramount to us. We ensure that our systems and procedures are sound and robust. Being accredited for Quality, Safety & Environment as well as Pre-Qualification for industry groups such as Achilles, ensures we maintain the high standards that you expect and that we have set for ourselves. Continuous Improvement and Lean Manufacturing (including 5S) are key areas currently being addressed by all levels of management and staff. We have a dedicated management representative working to ensure all Policies & Procedures reflecting current work practices. We use NCR reports to ensure preventative actions are in place. We are extremely proud of the way we “choc the wheel” which ensures that our Risk Management Policy is relevant & informative.

“ We have a passion for what we do, the prospect of building something like a complex pedestrian bridge gets us very excited ”

- Jeremy Hawkes, Managing Director



Saved \$350k and 4 weeks on Critical Path

Darlington Bridge 3, 14 & Temporary Steelwork

Client Name: Gateway South (Fulton Hogan)

Year Completed: 2017-2018

During the main contractor tender phase Bowhill Engineering helped our client Gateway South (Fulton Hogan/Lang O'Rourke JV) flesh out some critical constructability feasibility checks. This process was done well before award of the contract to Gateway and hence well before any contract being negotiated with Bowhill Engineering. This process uncovered some important budgeting information to allow our client certainty with their bid to the project client (DPTI). Early Engagement is something that Bowhill Engineering invite on important projects where there are genuine opportunities to find better ways to improve the scope. This service is offered without any expectation, a reliance only on openness, innovativeness, honesty and helpfulness shines through and this alone often sees us being chosen to represent our trade during the actual project.



Darlington (cont.)

Darlington Bridge 3, 14 & Temporary Steelwork Cont.

During the project Gateway asked us to provide additional scope by way of the temporary steelwork that supported the nearly 12,000t of steel and concrete prior to its installation onto the permanent piers and abutments. Upon inspection, it was found that the initial design had some inefficient features, the clients budget was looking under serious threat. With some quick and innovative thinking between the client, their engineer and Bowhill Engineering staff, the cost to actually complete the temporary steelwork was reduced by some \$400,000, thus saving the clients budget and making the ambitious timeline to supply possible. Credit must be given to the engineer James Deane-Butcher from Robert Bird Group for the cooperative and flexible nature he had to our repeated requests towards tweaking the design to achieve significant efficiencies but still to maintain structural integrity.



Unique, safe and efficient solution

O'Bahn Tunnel Props & Whalers (Temporary Works)

Client Name: McConnell Dowell

Year Completed: 2016-2017

During this project, there was an opportunity to develop an Innovative prop and prop release system to release the force from the temporary horizontal 300mm diameter CHS props once the permanent works were completed and the props were redundant. McConnell Dowell representative Jan Siebel suggested in a passing comment the possibility of using sand as the support and release system as they had used a similar system previously in a different format (vertical support and release of a large load) but they didn't really know how to achieve the different feat at the time. Taking this idea on as a challenge was instinctual for Bowhill Engineering with physical development initiated almost immediately utilising a sliding collar arrangement never before developed. Prototype and testing revealed that there was potential for this system to work successfully in the horizontal plane on a CHS prop.



O'Bahn (cont)

Engineering calculations and witnessed load testing/measurement completed the process with some slight tweaks and a setting procedure was formulated tested and documented. McConnell Dowell then verified our work through Aztec Analysis and production of the system onto all 50 units was rolled out. This system was seamless and the safety and productivity gains for our client was significant with release of the units being as simple as the removal of a drain bung, once force was released the props sat safely in place until their removal with a crane! The alternative prop release process that was proposed was a clunky method of using a custom hydraulic jack to ease the weight from each prop to enable release, all of this between 5-12m in the air and close to the top of the tunnel's recently installed concrete lid.



Award Winning Delivery Solution

Majors Road – Southern Expressway

Client Name: Lend Lease

Year Completed: 2014

Our clients budget for this work was tight which necessitated innovative thinking for us to be able to deliver the quality outcome, within budget. Transport was the key innovation that resulted in a very successful outcome for our client and for Bowhill Engineering.

32.5m long members are not straight Our clients budget for this work was tight which necessitated innovative thinking for us to be able to deliver the quality outcome, within budget. Transport was the key innovation that resulted in a very successful outcome for our client and for Bowhill Engineering.



Major's (cont.)

“ The surety that we realised through the delivery solution was outstanding, our installation process benefited greatly because of the flexibility that we had around crane and weather delays allowing for absolute control of our site resources without costly delay implications ”

- Kevin Shine, Project Engineer, Lend Lease



32.5m long members are not straight forward to transport to any site. To minimise traffic disruption and maximise efficiency, the decision was made to move all 8 bridge girders (total of nearly 80t) to the site in one movement. This saw the design of a purpose built transport and storage cradle to ensure a safe and damage free end result. Cradle had to allow the specific truck trailer combination enough room to reverse under the load, this heavy lift deck had the ability to hydraulically raise the trailer deck under the load which allowed the removal of the bolted legs once the load was secured on the trailer with a reverse of this methodology on site for unloading. Engineering calculations and detailed shop drawings were completed to allow for a safe, smooth and problem free execution of the plan.

The custom designed and built transport/storage cradle minimised damage to the coating system in the whole of project handling, zero double handling and maximum cure times were possible due to the methodology, this ensured a successful end result.

The delivery was coordinated so that the whole load was positioned directly adjacent to the permanent bridge site which allowed our client surety to directly unload and install the beams at their absolute convenience and without the need to double handle the heavy, yet delicate items. It proved to be a safe and efficient methodology of both transport and handling on site due to the reduced number of oversize loads on our public roads. There was an added bonus of not having the normal and often difficult coordination of site staff and expensive lifting equipment mobilisation and re-mobilisation for unloading of the items upon their immediate arrival on site on a weekend. This project won an Innovation Award through Lend Lease's National Operations.

New launch method saves client 2 months

River Murray Ferry Hulls

Client Name: DPTI

Year Completed: 2014-2018

Innovative Methodologies: Manufacture technique was critical to achieving success on this complex project. Because Bowhill Engineering was able to be involved right from the start of the design process, we were able to work closely with the clients design team to coordinate the longitudinal connection of the hull and build the ferry complete at our manufacture facility (previously been road freighted to Morgan in two halves). The benefits to the client included structural integrity, coating integrity, accuracy, and conveniently allowing DPTI to continue using their Morgan Slipway for some 2 months longer.

Technical Challenges: Large components, transported via river channel to DPTI dockyard. Using a professional approach to this challenge factoring in an allocation for extensive temporary steelwork.

We designed this temporary steelwork together with our own engineering and drafting team to be able to launch the completed ferry at the river just metres from our manufacture facility. We treated the temp steel like part of the product and gave it the attention that it needed to achieve the accuracy. This coordination was the key to the successful launch and extensive modelling and simulation was done to ensure a successful launch.

Successful Outcomes: A slick methodology was the key to the success for this project, the large components being built on our site had to be planned and as a result the amount of site activities were drastically reduced , made safer and much more convenient for our client DPTI .

Coating Details: Highly scrutinised 3 coat system internal and external on large modules..



Precision Pays off

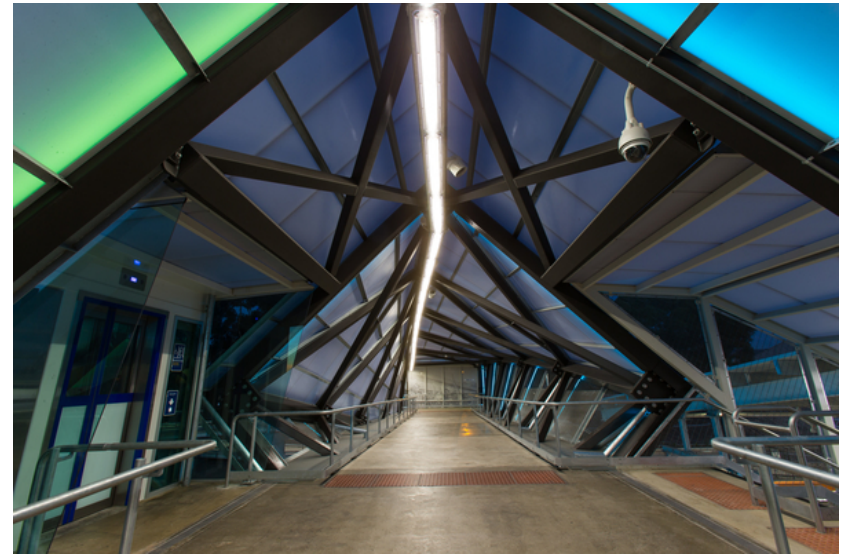
Wayville Train Station 50m long Pedestrian Overpass

Client Name: McConnell Dowell

Year Completed: 2013-2014

Manufacture technique was critical to achieving success on this complex project. The Bowhill Engineering Team were able to be involved right from the start of the design process, allowing us to work closely with the clients design team to coordinate the longitudinal connection points with all disciplines in mind. The important design consideration included structural integrity, aesthetic implications, coating integrity, accuracy, transportability and assembly on site.

With this Complex 3 dimensional shape, irregular bays, and a tight timeline there were many traps, but we used a professional approach to this challenge and factored in an allocation for extensive temporary steelwork into our bid.



Wayville (cont.)

With close coordination we designed this temporary steelwork together with our own engineering and drafting professionals to mistake proof our permanent fabricated items. We treated the temp steel like part of the product and gave it the attention that it needed to achieve the precision. This coordination was the key to the successful manufacture and problem free fit up of the modules on site over the operating rail corridor (closed for only 2 hours ea half).

Accuracy was the key to the success of this project, the very complex project progressed on schedule with the amount of site activities reduced and made safer for all trades due to the sound methodology that was developed at the start of the project.

The highly scrutinised 3 coat system architectural finish on 13 of large modules required minimal site repairs due to the bolted connection between the modules.



Tripling a mines capacity

Mindarie Mineral Sands Feed Hopper

Client Name: Murray Zircon

Year Completed: 2014

Murray Zircon had an ongoing throughput issue (bottle neck) in their mineral sands mining process. The in-pit feed hopper was not performing, it was inconsistent (constant hang-ups), and was constructed in a way that made clean up and maintenance highly restrictive and simply unsafe. Wayne Oliver the Maintenance Manager at Murray Zircon invited the Bowhill Engineering team to get involved in concept design for a new hopper, however the new hopper was to suit the existing mechanical equipment that was deemed still to be suitable. What followed was a fluent process whereby the engineering, drafting, client input and constructability were able to be considered carefully by way of the Tekla 3D model that was shared around electronically to the whole group via free viewing/visualisation software Bimsight. The newly designed feeder unit seemed to satisfy all client/operator requirements but also allowed efficiency from a manufacture and methodology perspective. Having a well-articulated design with in-built constructability efficiencies allowed Bowhill Engineering to quote with certainty on a known amount of scope with a competitive fixed price lump sum.



Tripling a mines capacity (cont.)

Survey of in-use existing equipment was necessary to ensure that fit up of re-used mechanical equipment was accurately detailed. The concept was based around the actual site requirements and product characteristics, with a high degree of importance placed on safe maintenance and operations personnel access and product capacity and material flow.

Because of the interactive and collaborative approach taken by Boweng and their design team, the engineer, draftsman and the client, a well worked model was produced and thoroughly scrutinised by all stakeholders with a multitude of different perspectives, without onerous design meetings and travel time etc. Murray Zircon stakeholders were ecstatic with the end result as the new feeder unit outperformed the existing unit by more than 100% going from some 150-200t per hour average to a consistent 500t per hour with the new unit and virtually no cleaning inside the unit. Existing Unit was stripped, new unit was delivered, assembled and commissioned within 48 hrs due to careful attention to detail and good fit up of components both new and existing.

“ We found the Bowhill team so easy to deal with, the process that they coordinated got the best out of everyone and the end result was impressive both in terms of reliable throughput, but also cleaning and maintenance of the unit in service. I would recommend Bowhill, particularly for projects that require innovative solutions ”

- Wayne Oliver Murray Zircon Maintenance Manager



Adaptability and Compliance

Edinburg Air7000 – 8 Buildings

Client: Lend Lease

Year Completed: 2016-2017

Bowhill had not worked with the Australian defence industry through managing contractor Lend Lease previously. Many in the industry had shied away from this work for fear of daunting compliance to both quality and safety requirements, not to mention challenging commercial terms, especially for smaller contractors such as Bowhill Engineering. With our mature business systems and talented team we were confident that we could succeed in these difficult circumstances and we were chosen for 8 buildings in the Air 7000 project. The defence requirements when coupled to Lend Leases requirements are quite extensive and Bowhill have been able to comply with them all successfully completing the first building early in 2017. Bowhill have refined their system to consistently provide the format and content required to make our clients job easier and with this proactive approach we are hoping to be able to secure more of this work into the future.

Note: no site photos allowed



NEXY Pedestrian Bridge over the Gawler River

Client Name: York Civil / Fulton Hogan

Year Completed: 2010

Scope of Project: Supply fabricate and surface treat and transport to site 2 bridge girders @ approx. 33m long each.

Innovative methodologies: By fabricating the 60m long bridge in 1 section (before we then separated it into its two sections), we were 100% confident of the correct fit up on site. This was obviously critical due to the size and cost of the lifting and access equipment on site to install the members.

Technical challenges: The fabrication of this job went very smoothly due mainly to the synchronisation of our drafting with the fantastic service we received from Pipe Profiling services in Queensland and the staff at PPS even helped us to develop a sound methodology for fabrication.

Technical challenges (cont.): We seriously didn't

need to touch these pipes, they were cut so accurately. Not bad considering the multiple pipe connections, complex cuts and allowance for the pre-cambering of the main 3 stringers.

Coating details: Painting these large sections was achievable through the use of our blasting and painting facility, 33m long sections completed undercover in a purpose built coating facility. Coating system included a full blast and 3 coats with an automotive grade top coat finish, paint mapping and detailed testing/recording.

Successful outcomes: Very highly scrutinised fabrication, welding and surface treatment procedures all completely satisfying our client and the principle DTEI. Quality plans and ITP were completed with little fuss in a professional and detailed and accurate manner.



Alice Springs Aquatic Centre

Client Name: Sitzler Brothers NT

Year Completed: 2010

Scope of Project: Structural steelwork supply, fabricate, surface treat and deliver

Location: Alice Springs

Innovative methodologies: NC pipe profiling of truss steel connections. Pre-cambering to correct heights and load testing before delivery to site.

Technical challenges: Logistics of large sections to remote and distant location. Special load simulation and customised jigs were made to gain efficiencies and control damage to high performance coatings during the delivery phase of the project.

Coating details: 3 coat high build high performance coating system for indoor chlorinated environment. Highly scrutinised application during a difficult time of the year (winter).

Successful outcomes: Coating finish was exceptional with our coating applicator Dion Holland receiving a Dulux Protective Coating Certificate of Excellence for his efforts in applying a tricky system to such a high standard.

The site erection team and client were very impressed with the accuracy of the steel work and the ease of fit up on site.



Lock & Weir package 2, 4, 5, 6

Client Name: York Civil

Year Completed: 2002-2009

Removable decks units involving complex surface treatment techniques on a submerged fabrication application. High degree of accuracy and finish was necessary. Because of the repetition, highly efficient processes were adopted, such as jigging, batching. These systems were utilised to produce a fast turnaround and efficiency. Approx 100t of highly complex and extensively scrutinised fabrication and finishing work with associated quality control procedures, documentation and traceability



SA Water Valve Pit access

Client Name: Blubuilt

Year Completed: 2016

Safe access platforms for the dual pit valve chambers located along the Murray Bridge to Onkaparinga pipeline. Involved the design of safe access and work platforms to fit around existing pipework and valves. A small modular design that could be adapted to the various chamber layouts was utilised to simplify fabrication and erection. The use of smaller components made it safer to manoeuvre the items around the existing structures during installation. In total approx. 10t of stick steel .



Passivation Facilities

- 7500 x 800 x 1200 passivation tank (approx 6000L)
- Manual batch immersion passivation (12hrs min, usually overnight) to ensure that all mild steel contamination and heat staining is removed
- Designed for 300 series stainless grades only
- Grade II finish to AS1554.6 to ASTM 380-99 (American Society for Testing Materials - International Standard).
- Thorough immersion rinsing post-passivation
- High pressure wash with fresh water
- Items dried, wrapped, identified & photographed
- Itemised details listed on cartnote
- Client to send items on clean pallets for restacking post-passivation.



Facilities & Equipment

Item	Size/ No./ Type	Other Comments
Main Workshop Assembly Workshop	2,500 m ² 1,000 m ²	<ul style="list-style-type: none"> 25m span open layout for larger components
Onsite Storage Area	20,000 m ²	<ul style="list-style-type: none"> In excess of 5 acres of hard stand area
Overhead gantry and onsite lifting capacity	2 x 18t	<ul style="list-style-type: none"> 1 x 17t and 1 x 18t overhead gantries with 25m span in main workshop. 33t capacity forklift, 2 of 12t capacity forklifts, 15t mobile yard crane.
Welding equipment (Mig Welders)		<ul style="list-style-type: none"> WIA, CIG Mig welders, all approx 400-500a approx 15 of, all with remote wire feeders. 2 sub arc welders 1000 Amp (Lincoln, Esab) Stud Welder (Soyer – up to 22mm diameter studs)
Security measures		<ul style="list-style-type: none"> Very small country town, minimal risk. No history of theft or vandalism to date.
Surface Treatment Facility	800m ²	<ul style="list-style-type: none"> Surface treatment undercover area is insulated and climate controlled. Blast chamber 8.1m wide – widest in SA EPA approved
Plate Beveller	Challenger 26	<ul style="list-style-type: none"> Bevels up to 50 thick plate for weld prepping etc.
Other (Jinker)		<ul style="list-style-type: none"> Heavy duty engineered jinker unit with capacity of up to 70t assemblies. When combined with 30t forklift, movement of up to 140t items on site can be achieved easily without additional equipment hire.
Heavy Lift Truck Trailer combination		<ul style="list-style-type: none"> Subcontractor; heavy lift deck, 12 rows of 8 capacity of 90t+ loads, all wheels steer and brake, 700 mm of vertical travel on hydraulic suspension, automated deck suspension to bear loads with even weight distribution.

Company Contacts



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Trade References

Employee Information:

Total Current Employees: 25-30

Trade References:

- Adelaide Profile: 8384 6449 - matkinson@adelaideprofile.com.au
- Brice Metals: 8405 7000 - credit@brice.com.au
- Konnect Fasteners: 8300 8700 - sales@konnectshop.com
- Korvest: 8360 4548 - steven.evans@korvest.com.au
- Jotun: 8345 4888 - ac@jotun.com.au
- Murray Sales: 8532 1080 - msales@internode.on.net
- United Fasteners: 8360 4622 - cherylm@unitedfasteners.com.au



Project History - Referees

Project Name	When	What was done	Referee Contact Name & Number
Darlington Upgrade	Oct 2017-Mar 2018	2x 180m dual lane road bridges- 1100 tonne	Lang O'Rourke Nigel Hird - 0417 167 425 nhird@laingorourke.com.au
Steel Hulled Ferries for River Murray x4	June 2014 -Mar 2018	4x steel hulled ferries for River Murray and associated components eg gates, flaps, shelters, battery boxes etc	DPTI Carmello Rositano - 0403 341 707 Carmelo.Rositano@sa.gov.au Andrew Nobbs - 0401 124 119 andrew.nobbs@sa.gov.au
Air7000 Edinburgh Package 3	Oct 2016-Dec 2017	7x service buildings	LendLease Brad Weaver - 0427 184 847 brad.weaver@lendlease.com
N Berth Outer Harbour	2016-2017	Port Bonython fender & support framework Thevenard Pile, Beacon, Fender supply Outer Harbour Lead Beacon	Maritime Constructions Adam Bolton - 0427 484 525 abolton@mc-group.com.au
Southern Expressway Duplication	Dec 2012 – Jun 2014	3x road bridges, 5x pedestrian bridges Sign Gantries	Lend Lease – Project Engineer Kevin Shine - 0418 932 517 Kevin.Shine@lendlease.com
Design & Construct projects	Apr 2012 – current	Multiple smaller projects for new design or repairs to existing mining equipment	Murray Zircon Wayne Oliver - 0400 360 487 woliver@murrayzircon.com.au
Wayville Train Station Pedestrian Bridge	Jun 2013-Feb 2014	50m long Pedestrian Overpass, Lift tower, fabrication, delivery to site and preassemble on site.	McConnell Dowell Ian Barwick - 0408 821 891 Ian.Barwick@macdow.com.au

Success



AUSTRALIAN
INDUSTRY
GROUP



A family
owned
Australian
business



SOUTH
AUSTRALIA



AUSTRALIA'S LEADING CIVIL CONSTRUCTION MAGAZINE

THE
EARTHMOVER
& CIVIL CONTRACTOR

AWARDS 2015

