

30 YEARS
1989 - 2019

AGC
An AusGroup Company



Company overview
delivering sustainable excellence



Image courtesy of Chevron Australia Pty Ltd



Image courtesy of Yara Pilbara Fertilisers Pty Ltd

About us

Since 1989, AGC has been providing service solutions for engineering, construction and maintenance projects in the energy, mining, industrial and utilities sectors. We work with our clients across Australia to safely deliver some of the world's most complex projects.

Our extensive in-house capability allows us to offer flexible solutions.

AGC is an experienced integrated services provider, offering a range of complementary service solutions from engineering through to construction and maintenance.



Multi-disciplinary maintenance



Shutdowns / turnarounds



Fabrication



Construction



Mechanical and piping



Industrial insulation



Surface protection



Refractory



Electrical and instrumentation



Specialist welding

Our markets

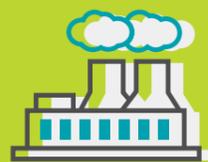
We have been providing a range of construction and asset management services across Australia and internationally, for 30 years. Our service offering can be tailored to suit projects in any industry.



Energy



Resources



Industrial



Utilities



Port & Marine



Technical experts

Our reliable teams are assembled to meet the specific needs of each client. Having worked across a number of regions, our workforce is highly experienced. We value the retention of our talent, ensuring we can always provide our clients with the best people.

Timing is everything

We understand how important it is that shutdowns and turnarounds are delivered on time. Delays result in increased costs and can impact our clients' operations. Our teams are continually looking for innovative solutions to increase efficiency.

Agile solutions

Our service offering provides clients with an extensive range of capabilities with the flexibility to suit any project. Whether a single service or full suite of services are required, we can tailor a solution to suit.





Multidisciplinary Maintenance Services

Our maintenance services range from breakdown maintenance to shutdowns and sustaining capital works. Through our in-house capability, we can provide any combination of skills, trades or disciplines on a long or short-term basis.

Capabilities:

- Mechanical services
- Electrical / instrumentation
- Industrial coatings
- Fire protection
- Sheet metal work and insulation services – personnel protection through to cryogenic services
- Access services
- Deck / site service – crane and plant operators, riggers
- Site management
- Direct supervision
- Planning
- Quality assurance / quality control
- Health, safety and environment
- On site stores and logistics
- Project management / coordination
- Shutdown planning and management.

Long-term specialist support

We can provide single or specialist trade support to complement the core skills at a location or site. This support is supplied as a self-managed work group, reporting directly to a client manager and working with AGC tooling / plant. We utilise our company procedures alongside client systems to achieve successful delivery and compliance.

Managed maintenance service

Available to our clients on a long-term basis, this service is structured to provide an operational interface with an integrated team approach. It is accountable to our client contract manager who works with our tooling / plant whilst utilising our procedures alongside client systems.

Shutdowns/turnarounds

AGC has the capability and experience to perform shutdowns / turnarounds and campaign maintenance to suit any requirements, large or small. We understand that HSE and schedule are some of the most important aspects of any shutdown / turnaround.

Image courtesy of Chevron Australia Pty Ltd





Fabrication and Management

AGC's primary fabrication facilities are strategically located within Perth's high wide load corridor in Kwinana. With an in-house capacity to fabricate up to 30,000 tonnes of steel products per annum, we have manufactured, tested and commissioned some of Western Australia's largest fabricated steel structures including:

- Wellhead platforms and jackets
- Pressure vessels and storage tanks
- Preassembled pipe racks (PAR) and modular frames
- Iron ore rail car dumpers
- Processing modules and skids
- Conveyors
- Subsea modules
- Stackers, reclaimers and ship loaders
- Pipe spools
- Piles and risers

With a diverse fabrication capability, our Kwinana facilities comprise of four large fabrication bays totalling 11,437m².

Our workshop capabilities include piping, structural steel and heavy plate fabrication of all grades of materials, from carbon steel to exotic materials. All workshops are fitted with a variety of plant and welding equipment and are fully reticulated with power, oxy/LPG, welding gases and air.

In addition to our Kwinana location, we offer established satellite facilities across the country to service each region. Some are directly owned, and some are part of our strategic partnerships, set up to enhance our local industry capability throughout Australia.

AGC has an experienced project management capability and is able to undertake complex and simple fabrication projects.

We pride ourselves on our ability to support our clients, meeting demanding schedules and tight turnarounds. Our innovative manufacturing and fabrication methods help our clients achieve efficient results on their projects.





Construction

AGC provides focused and specialised construction capabilities including structural, mechanical, piping and installation solutions. We are able to self-perform almost all construction trades, offering efficient interface management and productivity optimisation.

Our construction expertise combines multidisciplinary construction knowledge and a first class health and safety record, to enhance project execution.

Our multidisciplinary construction services utilise our proven employee, industrial relations and project management systems. All clients benefit from our ability to train and retain construction personnel, provide standard operating systems, procedures and methodology while maintaining and upgrading construction equipment.



Oil & gas

In the oil & gas industry, we support both upstream and downstream sectors in the oil refining, gas processing, LNG and subsea markets. AGC has a proven track record in the erection of structural steel works and installation for:

- Process modules and skids
- Pipelines and pipe spools
- Wharf infrastructure

We also provide offshore construction services to oil & gas installation contractors.

Downstream process facilities

AGC offers a number of downstream services including pre-assembly, installation, fabrication, and construction on site. We can provide:

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|---|---|
| ■ Jetty top sides | ■ Heated water systems |
| ■ Slugcatchers and pig receivers | ■ Fresh water cooling and demineralised water systems |
| ■ LNG & condensate storage and loading facilities | ■ Effluent treatment plant |
| ■ Pipe bridges and tracks | ■ Potable and service water systems |
| ■ Pressure relief and liquid disposal | ■ Fuel gas and nitrogen systems |
| ■ Fire protection systems | |





AGC has a proven track record in the erection of structural steel works and installation.



Plant and equipment

AGC delivers an international standard of construction methodology in project execution to achieve outstanding project outcomes for our clients. Utilising the latest equipment in our range of construction assets, we offer the best value-add solution.

Heavy lift solutions

With our own fleet of cranes, we are well equipped to carry out and complete internal lift studies for the most complex and arduous of lifts. This extends to the lifting equipment required to perform a suitable lift to protect client's assets.

Using the latest software and overlay of drawings, AGC can check all site lifts from an access and safety perspective. This also enables us to review access routes and assess the best lifting site locations for a project.

Modularisation

AGC has the capacity to fabricate, manufacture and install modules to suit all aspects of modular construction. This initiative is helping to streamline site construction requirements and fast track projects to practical completion.

Resources

Material handling systems

AusGroup have been involved in the gold, iron ore, nickel, bauxite, coal, and mineral sands industries since 1988.

We specialise in front-end crushing and screening plants, semi-autogenous grinding mill (SAG) and ball mill operations, stockpiling stackers and reclaimers, through to the train unloading and load out facilities, and shiploaders.

As well as associated interconnecting conveyor systems, transfer towers, sampling stations and overland conveying systems, we have had invaluable experience in the construction of all facets of material handling.

Mineral processing plant

We have been involved in all aspects of ore recovery, from standard grinding circuits, vertimill, floatation, and separation system installations, to dewatering, cooling and kiln construction, set up and commissioning. Depending on the ore processing requirements the process plants vary accordingly.



Mechanical and Piping

We provide extensive structural, mechanical and piping services to clients across the energy, resources, industrial and utilities sectors.

Capabilities:

- Process modules and skids
- Pipelines and pipe spools
- Wharf infrastructure
- Jetty top sides
- Slugcatchers and pig receivers
- LNG and condensate storage and loading facilities
- Pipe bridges and tracks
- Heat exchangers
- Pressure testing
- Valve maintenance

Our local expertise and interface management allow us to provide our clients with experienced teams to deliver any project. We combine multidisciplinary construction knowledge and first-class health and safety performance to ensure successful project delivery.

Our structural and mechanical services are supported by the team at our Kwinana fabrication and manufacturing facility. We can provide flexible and efficient solutions to support assembly, installation and pre-commissioning.





Industrial Insulation

We offer a range of products and services associated with thermal, acoustic, cryogenic insulation and personal protection. Utilising the latest technology, we consider individual requirements to provide a tailored solution.

We work across projects in all industries including energy, resources, industrial and utilities. Every project is executed with the highest standards of safety and quality, in accordance with our clients' requirements.

Acoustic insulation

As an independent operator, we offer a wide range of insulation materials and solutions. Our efficient processes allow us to provide clients with cost effective solutions to meet the needs of any schedule.

We offer:

- On site readings
- Problem analysis and noise reduction solutions
- Control readings after implementation, including detailed reporting

Cold and cryogenic insulation

We offer expertise in the highly specialised application of cryogenic insulation systems including pre-insulated piping systems and the pre-fabrication of insulation materials.

Application materials:

- Polyisocyanurate foams (PIR)
- Polyurethane foams (PUF)
- Cellular glass
- Mastic based vapour barriers
- Foil based primary and secondary vapour barriers

Heat conservation insulation

Our expertise extends to the application of heat conservation applications using:

- Mineral wool
- Fibreglass
- Cellular glass





Surface Protection

AGC provides expertise in the application of protective coatings and passive fire protection. We have extensive knowledge of the numerous protective coating systems available and are proficient in the method of application.

We believe that the longevity of any applied coating starts with the preparation and we do not compromise on any aspect during application.

Passive fire protection

We can offer the following fire protection applications:

- Cable sealing
- Pipe penetrations
- Cladding for ducting
- Fire protection coatings, enclosures, façades and windows
- Cementitious cladding to structures
- Intumescent fireproofing to structures, vessels and pipework
- Non-flammable pipe insulation.

Industrial protective coatings

AGC has the experience and resources to provide cost effective, efficient and safe solutions for surface protection and coating projects.

Industrial painting and blast cleaning projects can be executed on site or off site. We offer an extensive range of applications including process and storage equipment, pipework, structural steel, tank linings, floors, walls, ceilings and roofs.

Only the safest and most appropriate preparation techniques are used, including mechanical protection, ultra-high pressure water with abrasive option, dry blasting and hard preparation.

Working in conjunction with product suppliers, we provide advice in regards to the best coating for specific applications with methods from brush and roll to all types of spray equipment.





Refractory

We have extensive experience in the provision of services for refractory assets. Combined with our integrated services offering, our experience and advanced methodologies and systems ensure the safe and efficient delivery of refractory maintenance, upgrades and expansion projects across all industries throughout Australia.

We are committed to providing our clients with high quality products, supported by a dedicated management team who are focused on achieving successful outcomes in all key areas.

As a fully integrated services provider, we can provide clients with a comprehensive in-house solution. We are able to deliver the supporting mechanical, electrical and scaffolding services for all refractory projects, eliminating the need to rely on alternative suppliers or subcontractors.

Our refractory division offers a comprehensive range of refractory services from minor repair through to large construction projects including:

- Refractory removal and disposal
- Installation
- Technical support
- Project management
- Material selection and supply
- Pre-planning
- Procurement
- Inspection services

Our industry experience:

- Ferrous and non-ferrous metal processing
- Petrochemical
- Power generation
- Cement
- Energy





We are committed to providing our clients with high quality products, supported by a dedicated management team who are focused on achieving successful outcomes in all key areas.



We are continually seeking innovative methods and solutions, working with the latest techniques and applications:

- Monolithic applications casting, shotcrete and gunning
- Ceramic fibre lining
- Fireproofing
- Plastic ramming
- Acid resistant linings-brickwork, membranes
- Pre-case shapes
- Contract maintenance
- Inspection reports
- Consultancy
- Project management
- Planning and design of refractory linings

Technical services

AGC is at the forefront of technological advancements within the refractory industry. We pride ourselves on our commitment to technological development and our ability to retain talented specialists.

This, combined with our extensive global network and expertise, enables us to provide our clients with increased levels of quality, reliability and performance in our services.

Inspection services

By utilising purpose-built technology, software and specialist equipment we are able to offer an innovative and non-invasive remote lining assessment and scope preparation.

Our ability to conduct a thorough visual inspection without the need to access confined spaces, offers a safer, more cost effective and efficient means of refractory lining assessment.

Condition monitoring

By utilising a variety of technical aids and techniques, we are able to monitor the condition of refractory linings throughout their lifecycle and identify patterns of deterioration and subsequent modes of failure.

We are able to obtain crucial statistical data which aids in engineering design solutions or evaluating alternate material selections without imposing additional risk to the integrity of the asset.

AGC technical services provide the necessary tools and data to enable our clients to achieve optimum performance with a significant reduction in total refractory cost.



Electrical and Instrumentation

We have proven electrical and instrumentation capability to support shutdown / turnaround and campaign maintenance programs. Our core services are tailored to support typical multidiscipline long-term maintenance and minor capital works programs.

Capabilities:

- Instrument air tubing installations and pre-commissioning
- Fusible loop installations
- Control valve installations, pre-commissioning and maintenance
- Pump installations, pre-commissioning and maintenance
- Motor / drive installations, pre-commissioning and maintenance
- Installation of SWA electrical cabling, instrument cabling, and Ex & IS rated glanding
- Cable ladder rack installation and maintenance
- DCS & PLC I/O wiring modifications
- UPS systems maintenance
- Instrument installation and calibration: Pressure, temperature, flow, level transmitters
- Intrinsically safe (IS) and non-IS systems maintenance
- Hook-up and pre-commissioning of skid based package equipment
- Maintenance of passive fire protection instrumentation (gas detectors, line of sight, UV sensor types)
- Metering equipment maintenance and calibration
- Lighting maintenance campaigns
- Power generation equipment maintenance (GTs, diesel, etc.)
- Distribution board upgrades and repairs
- Work pack / job card preparation and execution



Courtesy of Apache Energy Limited



Specialist Welding

Through the use of modern welding equipment, we are able to efficiently deliver the highest quality of work for our clients.

With over 1600 Welding Procedure Qualification Records, we have extensive welding experience in the oil & gas, mining and industrial sectors. AGC is prequalified to weld all grades of material such as carbon steel, stainless steel, duplex, aluminium, CRA clad, super duplex, Inconel, copper nickel and more.

Our workshop capabilities include piping, structural steel and heavy plate fabrication of all material grades, whilst maintaining stringent standards and practices. The facility is equipped with semi-automatic and manual welding equipment including; submerged arc (SAW), STT, TIG, GMAW and MMAW.

As a minimum, our welding complies with high-end international standards such as DNV, ASME IX, AS2885, ASME B31.3, AS 1554 and AWS D1.1. In addition to this, we always ensure our welding complies with specific client requirements.

Pressure testing capability

We offer pressure weld testing for the oil & gas and mining sectors through an efficient process, achieved through our NATA accredited pressure testing lab. With the capacity for hydro testing up to 90000kPa and pneumatic testing up to 40000kPa, we also offer mobile testing solutions. Our mobile testing lab is equipped with everything required to carry out safe and efficient on-site testing.





Health, Safety Environment & Quality

Our Health, Safety, Environment and Quality (HSEQ) expectations are vital and integral elements of our business. They are embedded into our management systems and processes as we strive for HSE excellence in all that we do.

Our comprehensive HSE systems are built on a foundation of risk management and are certified to AS4801 and OHSAS 18001. We are focused on improvement by engaging and encouraging our people.

Perfect Day

The safety and wellbeing of our people is one of our core values. The Perfect Day philosophy builds awareness that the choices we make at work ultimately impact our families and our personal activities.

Perfect Day is an initiative that moves away from the traditional mindset of HSE to a dynamic and positive approach that works to deliver excellence in HSE performance one day at a time. A day when there are zero injuries or incidents, no harm to the environment and all of our employees return home in the same condition in which they arrived is a Perfect Day.

The Perfect Day initiative was developed from the feedback of our employees who felt that perfect safety performance could be achieved day by day. It is a goal and aspiration that all our people believe in.





Quality

We believe in doing things right the first time. For us, quality is about more than certifications. We ensure quality is part of all areas of our business – from systems and processes through to on-site delivery. We are committed to continuous improvement with advancements in technology and investment in innovation.

When we deliver with attention to quality, the end product will be fit-for-purpose and safe for future generations to operate.

Our people are accountable to follow the documented work processes available in our Management System. We have achieved certification to ISO 9001:2015 and continue to drive and challenge our people and processes for improvements. As a result, a dedicated team has been formed to identify how we can do our jobs better, and to improve our fabrication efficiency to be more competitive with our overseas counterparts.

Quality assurance

We ensure consistency in our processes, providing confidence to our clients in our approach to management systems. The consistent approach to performing tasks and identifying best practice assists us to continually improve and increase efficiency.

We are focused
on improvement
by engaging
and encouraging
our people.

Our Commitment



Safety

For us, safety is first and foremost. It's part of everything we do and we are uncompromising in our approach to HSE standards. Our Perfect Day philosophy creates a personal connection to safety for our people, clients and community.



People

Our people are the foundation of our business. It's their skills, experience and dedication that allow us to provide exceptional service to our clients. We strive to motivate, challenge and excite our people, ensuring we retain the best teams.



Clients and community

Listening to our clients and engaging in early collaboration is what creates long-term value. Together, we aim to deliver social and economic benefits in the communities in which we work.



Delivery excellence

We are focused on exceeding expectations. We take accountability for delivering project outcomes and providing a smooth, agile process for our clients. Our systems allow us to work smarter, with options to suit any project or budget.



Value

We know that value for our clients is paramount. Providing cost effective and efficient solutions is considered in every decision we make.



AusGroup supporting the Starlight Children's Foundation



Mayor Carol Adams - City of Kwinana

Our Values

Our values guide everything we do. They influence our behaviours, support the decisions we make and determine our business strategy.



Accountability

We are responsible to each other and the teams in which we work. We rely on each other to do the right thing to achieve our shared goals and aspirations. We are accountable for our words, our work and our actions.



Agility

We are value-focused at all times, embrace change, are resilient and agile in our delivery, and efficient and effective in our operations.



Continuous Improvement

We find continuous improvement in everything we do. We value being the best we possibly can be – as an individual, as a team and as a Company.



Courage

We innovate, we challenge and we improve in everything that we do. We take the initiative to challenge our performance, to push our boundaries and barriers and to continually improve ourselves and our Company.



Integrity

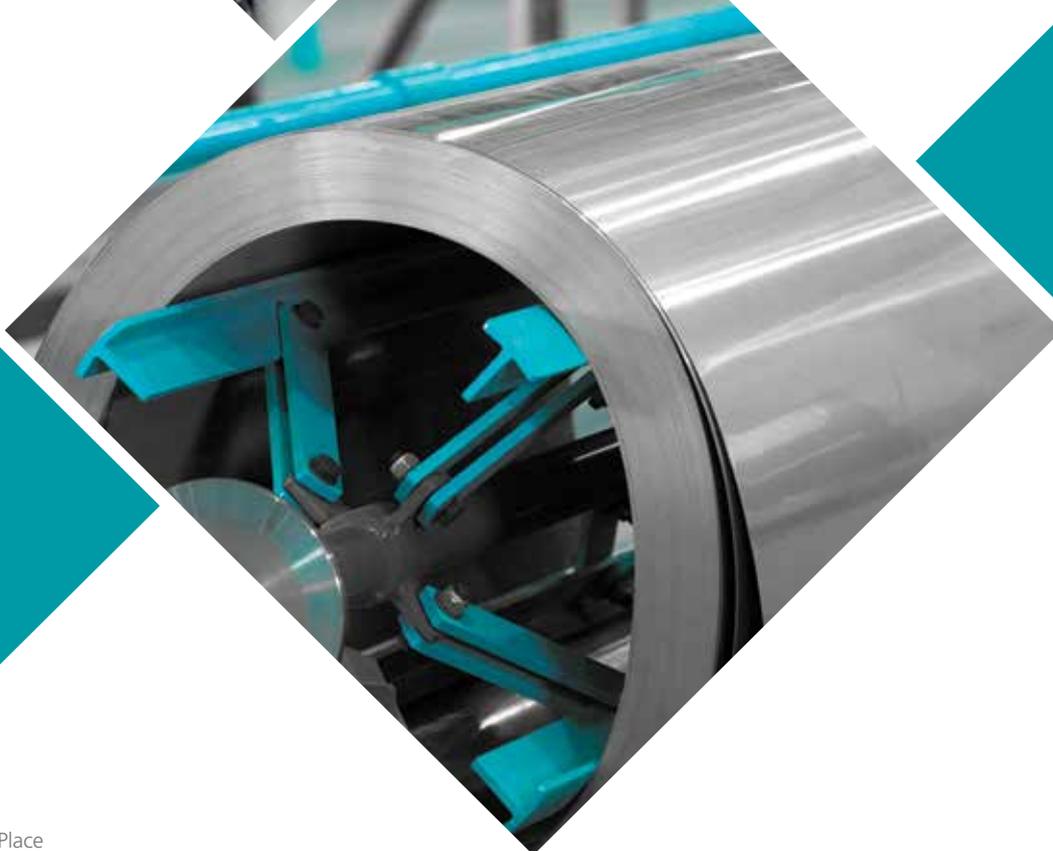
We are open, honest, consistent and fair in what we say, what we do and how we work together. We see reflection as a key enabler to make necessary improvement.



Safety & Wellbeing

We care about the safety and wellbeing of our people at our workplaces, the impact we have on the environment and the communities in which we work. We engage with, encourage and provide opportunities for our team members as we strive to achieve our goals.





Level 1
18-32 Parliament Place
West Perth 6005
Western Australia
+61 8 6210 4500
info@ausgrouppltd.com
www.ausgrouppltd.com