

FLOCONTROL



keeping business flowing



*Keeping
Business
Flowing*

About Us

Flocontrol is Australia's preferred nation-wide supplier of valves & actuation, pumps and specialty equipment.

Today, we service over 300 customers, including some of the biggest names in mining, water, oil & gas throughout Australia.

This is the story of how it happened.

After working extensively with Hamersley Iron/Rio Tinto in the mining industry for over 10 years, Malcolm Hooper decided to hone his expertise and make the switch to work with a big-name U.S. valve and automation business. As an Australian representative, Malcolm thrived in the supply of engineered products to Australian industry - having worked in it himself for many years. However, as this U.S. business continued to grow, Malcolm craved an uncomplicated model that allowed him to harbour closer connections with his clients.

Malcolm and Rosemary Hooper decided to start their own business providing valve products to Australians in 2006. This business would be a wholly Australian owned and operated company focusing on four key pillars: on-hand technical support, quality compliance, quick turnaround and on-time delivery. These pillars were designed entirely to prioritise and support our clients in making simple, fast purchases to keep business flowing.

And that's where we are today - a major supplier of valves for some of Australia's largest mining and blue-chip companies, including Rio Tinto, Fortescue Metals Group, Water Corporation, SSWA, ENI, Score, Origin, GR, BHP, Santos, APA, AGIG and Woodside.



Our Mission?

To make asset procurement as smooth as possible.



Mission

Flocontrol chooses to be the supplier of choice for the oil & gas, mining, water & water treatment, marine and industrial sectors. We invest in our business everyday by focusing on superior customer experiences - experiences built on support, compliance and on-time delivery.

Approach

Time is critical to any project - so Flocontrol built a system to ensure operations will never be held up by the critical work of sourcing the best products available.

Our engineers draw from decades of combined multi-disciplinary and industry experience, which means we're able to provide the kind of top-tier technical advice that gets the job done quickly. By specialising in dedicated industry products we are able to provide a personalised level of service that is second-to-none. We're also backed by some of Australia's biggest names and a factory guarantee on all parts.

For you, that means you can focus on the most important stuff knowing that your project and business will keep flowing.

Certifications

Flocontrol's products are fully compliant with all required statutory and industry standard approvals and certifications. ISO 9001:2015 accredited for quality compliance, Flocontrol maintains a high standard of industry compliance. For a full list of our certifications, head to our website.

Our Team

Technical support on-hand

We're more than just order-takers - our engineers have the technical knowledge and experience to source the best solutions. They work closely with project and plant engineers to define the differences and benefits of our products and determine best-practice suitability for your application.

Our team speaks your language and won't hold you up - that's a promise.



Technical & Engineering Team

The Flocontrol technical and engineering team have decades of experience in the mining, oil and gas, water, marine and industrial sectors. Our in-house engineers can customise designs, produce documentation and technical drawings and provide advice to suit your application - no matter what it is.



Servicing & Repairs Team

The Flocontrol servicing and repairs team draws on diverse skills and broad industry experience to conduct assemblies, repairs and servicing. In our on-site workshop we work closely with partner machinists, metal specialists, coating specialists and raw material suppliers to complement our knowledge and forge best-practice solutions. Our servicing and repairs team can also conduct on-site assessments and provide on-site repairs and modifications if preferred.



Sales Team

Our sales team is committed to providing you our best customer service, competitive pricing and efficient lead times. With a wide range of valve and industry experience, the team can easily be reached by phone or email. Our sales experts are happy to visit your office or site and we can also deliver presentations and provide support via remote video call.



Operations & Logistics Team

Our operations and logistics team ensure your order runs smoothly and is delivered on-time. We specialise in project management, having supplied major projects across all industries, and manage our supply chain to provide you regular updates. As your point of contact for all project and order matters, the team is motivated to exceed your expectations and keep your business flowing.

Our Products

Flocontrol represents top-tier brands that are renowned for quality and durability. We focus on factory quality and compliance, which means we only partner with the best manufacturers. Even so, every single product is quality and compliance checked when it arrives at our facility before it is sent on to you.

VALVES & ACTUATION

We offer a full range of valve products, including but not limited to:

- Ball Valves
- Butterfly Valves
- Check Valves
- Control & Regulating Valves
- Gate Valves
- Globe Valves
- Knife Gate Valves
- Needle Valves
- Plug Valves
- Safety Relief Valves
- Y-Strainers
- Full range of Actuation options

Each and every product is available in a full range of sizes, materials, pressure ratings and connections. Our workshop is fully equipped to test, configure, service and repair valves of all sizes and applications. We also offer a complete range of actuation products, from manual handwheels, levers and key caps, to electric, pneumatic and hydraulic actuators, complete with any required proximities, switches, positioners and extension spindles for buried service.



We have a wide variety of valve and actuation products available. *Talk to our team about your needs today.*



MANUFACTURERS

Flocontrol maintains a direct line of communication with our manufacturing facilities - and they provide us with immediate status updates, fast turnaround times for drawings, quick documentation and first-hand involvement in the design and testing of our products. Head to our website to see our full range of manufacturers.

PUMPS & PUMP PARTS

Our service offering has expanded to include pumps and relating parts, including:

- Horizontal Slurry Pumps
- Horizontal Froth Pumps
- Horizontal Gravel Pumps
- Vertical Sump Pumps
- Bearings
- Casings and Covers
- Impellers and Expellers
- Liners
- Shafts and Shaft Sleeves

We supply pumps and pump parts and our direct line to the factory ensures an extensive range of quality products and unbeatable turnaround times. Our factory manager has over 40 years' experience with a major pump manufacturer in Australia. We also have the capacity to service and maintain your pumps at our workshop – or on-site.



Horizontal Slurry Pumps



Vertical Sump Pumps



Wet End Pump Parts



Drive & Shaft End Pump Parts

SPECIALISED EQUIPMENT

We also supply highly specialised equipment, standard and bespoke, including:

- Monolithic Insulating Joints (MIJ's)
- PIG Launchers & Receivers
- Filtering Units
- Heating Units
- Skids and Metering Units
- Fire Systems
- And more...

If you have something specific in mind, let us know - we may be able to source it for you through our trusted networks.



Monolithic Insulating Joints



Fire Systems



Gas Distribution



PIG Launchers & Receivers

Our Industries

Flocontrol has delivered successful projects in both highly diverse and highly specialised sectors.
The industries we primarily serve are:



We also work with:

- Chemicals
- Petrochemicals
- Power generation
- Heating & cooling
- Dams & reservoirs
- Irrigation
- Steel

Past Projects

Flocontrol has been the premier supplier to many of Australia's complex large-scale resource projects - demonstrating our expertise in project management and delivery at every step of the way.

Because of our specialised expediting and logistics division, dedication to the best turnaround times, commitment to on-time deliveries and accessible customer liaison, we're hand-picked time and time again by some of the biggest names in Australia's industry and resources sectors.

In the past, we have supplied the following projects:

OIL & GAS

- Clough Maari Gas Field
- ENI Black Tip
- Clough & Apache Varanus Island Repair Project
- BHP Pyrenees FPSO
- Clough & Apache MARS Compressor Upgrades
- Jemena NGP Pipeline
- Origin & Worley Parsons APLNG Plant Upgrade
- Origin Well Head Control Valve Upgrade Project

MINING

- Rio Tinto Hope Downs 4
- OceanaGold & GRDMinproc Globe Process Gold Project
- FMG & Fortescue Solomon Hub
- Rio Tinto Nammuldi Stages 1 and 2
- GR Engineering Fosterville Paste Plant
- GR Engineering Nova Nickel Process Plant
- Lycopodium Ity CIL Project

WATER & WASTEWATER

- WaterCorp & GHD Ravenswood Pump Station
- WaterCorp & SSWA Southern Desalination Plant Stage 1 & 2
- WaterCorp & ATJV Mundaring Water Treatment Plant
- WaterCorp & GHD Bungaroo Pipeline Integration Project
- WaterCorp & GHD Stirling Dam Pump Station
- WaterCorp & Clough Beeningup WWTP Water Injection Project
- WaterCorp & Advisian Cunderdin Pump Station
- WaterCorp & SACYR Neerabup Groundwater Treatment Plant

INDUSTRIAL

- Coogee Kwinana Chlorine Plant Expansion
- BHP Kwinana Nickel Valve Replacement Project
- Tronox Chlorinator Custom Designed Ball Valves

How It Works

Request for Quotation

1. First, you submit a **Request for Quotation**. We'll confirm the request and ask for any information that is required.
2. Next, we **register your enquiry and assign you a unique Reference Number**. A dedicated Sales Team Member will reach out to discuss your needs.



Quotation

1. **We get to work technically analysing and assessing your requirements.** We'll come back to you with any questions and liaise with our manufacturers to provide your best possible solution.
2. **We prepare a quote offer**, including relevant technical documentation, technical and commercial requirements, delivery and best-possible pricing. You will receive a **complete submission**, which includes our quotation, technical specifications, all relevant documentation and Production Schedule.
3. Our Engineering and Sales Teams are always available to answer any further questions or provide technical advice.



Order



1. **You accept our bid**, the order is placed, reviewed, processed and confirmed.
2. Depending on the nature of your project, **we'll arrange a kick-off meeting with you** to introduce you to your Projects & Orders Coordinator, review project specifications, quality requirements and address any outstanding questions or concerns.

If you don't accept the bid, your journey with Flocontrol ends here on this occasion. That's ok - not every partnership is meant to be. We will ask you for a bit of feedback on our performance to make sure we can do better next time.



Delivery & Feedback

1. **Expediting begins** on our manufacturers and you will be provided with regular updates.
2. **Your products will arrive at one of our sites**, where they will undergo a complete inspection and testing to ensure everything is compliant and in prime condition. You can visit us to inspect the products yourself before we deliver them to you.
3. **Once the order is ready for collection or delivery**, you will be notified with tracking information and provided a **Master Documentation Register (MDR)** containing the full suite of documents, drawings and certificates for the goods.
4. Once your products are delivered, **we will check in with you** to make sure you are satisfied.

Case Studies



Jemena Northern Gas Pipeline

NGP pipeline, Manual and Actuated Ball Valves

Jemena's Northern Gas Pipeline (NGP) is a 622km gas transmission pipeline that runs from Tennant Creek (NT) to Mount Isa (QLD). It includes two compressor stations and links to the gas production facilities in NT to Australia's eastern states.

Flocontrol delivered the manual and actuated ball valves packages for this \$800 million project, a total of over 1500 premium Valvitalia ball valves.

We worked very closely with the manufacturer and assigned a dedicated project manager to coordinate project delivery. Every valve was tracked from the beginning of production, tagged, tested and verified upon receipt and delivered with a full MDR suite of documentation. We also accompanied our client to perform an assessment audit at the manufacturing facility, which exceeded expectations. Local Australian content was enhanced by our team through assembly and testing in Perth of all actuated units. Since project completion, we have supplied additional valves and spares and accepted a letter of thanks from the client. We are looking forward to future partnerships as expansions and extensions of the pipeline are planned.



Neerabup Ground Water Treatment Plant

Butterfly Valves

Water Corporation WA's Neerabup Groundwater Treatment Plant was expanded in 2020 to provide 50% increased capacity, to a total of 150 million litres of water per day. The \$52 million turnkey project was delivered by the SACYR Westforce Construction Joint Venture, including engineering, construction and commissioning. Flocontrol worked closely with SACYR WF JV to deliver the complete butterfly valves package, including manual and actuated valves and our top-tier, vulcanised butterfly valves approved for water service.

We tagged and tracked every valve at each step of the project, working closely with both manufacturers and our Water Corporation to ensure on-time project delivery, especially during the challenging months of COVID-19. Throughout the project, we achieved successful project deliveries and commissioning, including third-party witness function testing. We also provided site support to ensure smooth installation and commissioning. Flocontrol is engaged with SACYR WF JV on subsequent projects and looks forward to many successful endeavours.



Rio Tinto Nammuldi Stage 1

Knifegate Valves, Butterfly Valves, Miscellaneous

The world's second largest mining corporation, Rio Tinto, engaged Mineral Resources company CSI to deliver a US\$2.2 billion processing plant, capable of crushing, wet screening and beneficiating 25M wet tonnes of ore annually. Under a tight delivery schedule, with fluctuating valve requirements, Flocontrol delivered the complete valves package, including over 1200 butterfly, knifegate, ball, check and control valves safely and efficiently to meet the project's target delivery.

To achieve this, we developed custom project delivery processes, innovative valve tagging and logistics operations to enhance agile delivery and facilitate ease of receipt and processing by the client. Flocontrol was further engaged 18 months later to supply valves for the Nammuldi Stage 2 expansion and has since been a regular and reliable supplier to Rio Tinto for many of their valve requirements, including the more recent Mesa A and Mesa J projects. Through our founders' mining history and experience, we understand the procurement pain points in the industry and continually develop our practices and procedures to mitigate these issues for our clients.



Coogee Chlor-Alkali Plant Expansions

Valve Solutions

Coogee Chlor-Alkali is Australia's second largest manufacturer of chlor-alkali products with three facilities across Australia – two in the Perth region of Western Australia and one in Lytton, Queensland. In 2015, Coogee undertook a significant expansion of the Lytton facility. A new state of the art cell room significantly increased capacity. Like the Kwinana expansion of 2010, this incorporated Ineos BiChlor technology.

As well as providing increased capacity of sodium hypochlorite, hydrochloric acid and caustic soda, it also provided greater flexibility and redundancy within the operation. 2015 also saw the start of 50% caustic soda manufacture and supply from this site.

Flocontrol was instrumental in both of these projects from the early stages in working with the Coogee Engineering Team on design and specifications for valving through to the supply of specialised chemical valves for both plants. We continue to be a valued supplier across all the Australian Coogee operations to this day.

Contact Us

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***We service
Australia wide!***



The Oil & Gas sector demands high quality valves for the very toughest and precise applications - from cryogenic ball and globe valves to high temperature corrosive application valves.

Whether you're operating in upstream, midstream or downstream, refining or pipelining, Flocontrol can help you keep business flowing.

Our Range

We stock a range of purpose-designed valves and specialty products for the oil & gas industry, including but not limited to:

- Ball Valves
- Butterfly Valves
- Check Valves
- Control Valves
- Gate Valves
- Globe Valves
- Instrument Valves
- Lubricated Plug Valves
- Pressure Safety Valves
- Fire Monitoring Systems
- Monolithic Insulating Joints (MIJ's)
- PIG Launchers/Receivers

Our Experience

Need more proof of our oil & gas expertise? See what we've worked on in the past!

- Clough Maari Gas Field
- ENI Black Tip
- Clough & Apache Varanus Island Repair Project
- BHP Pyrenees FPSO
- Clough & Apache MARS Compressor Upgrades
- Jemena NGP Pipeline
- Origin & Worley Parsons APLNG Plant Upgrade
- Origin Well Head Update



Quality and reliability are the most critical features of a valve, no matter what sector you are operating in. Nuclear or fossil-fuelled, chemical or power generation – valves supplied by Flocontrol are best-in-class when quality and life cycle costing are the selection criteria.

Why? Because we test everything rigorously. We only partner with the best manufacturers, and every single product we stock is quality and compliance checked before it goes out the door. We are backed by factory guarantees, and all parts are procured from the most respected names in our industry.

What's more, our team is just the right size - so no order ever gets lost in our system. The people you speak to will be the people who get your job done.

Our Range

- Ball Valves
- Butterfly Valves
- Check Valves
- Control Valves
- Gate Valves
- Knifegate Valves
- Plug Valves
- Safety Relief Valves
- Full range of materials and linings for corrosive media, including PFA, PTFE, RPTFE, etc.

Our Experience

We've worked on a range of diverse and complex industrial projects - check out a few of our highlights below.

- Coogee Kwinana Chlorine Plant Expansion
- BHP Kwinana Nickel Valve Replacement Project
- Tronox Chlorinator Custom Designed Ball Valves

Water & Wastewater



Whether it's transport or treatment, municipal or industrial, Flocontrol-supplied products are purpose-built and uncompromising. Our range of manufacturer-backed valves and actuators are designed to contribute to the preservation of water quality from extraction to end-user delivery.

Our Range

Our water and wastewater valve range covers, but is not limited to:

- Air Valves
- Axial Control Needle Valves
- Butterfly Valves
- Check Valves
- Gate Valves
- Knife Gate Valves
- Pressure Control, Reducing and Sustaining Valves

Our Certifications

Valves in our range are approved for use by Australian Water Authorities. Products are appraised by the Water Services Association of Australia's (WSAA) national product appraisals program.

Our Experience

Our team is highly experienced in the water treatment and water supply spaces. We've supplied some of the most complex water and wastewater projects in Australia. See some of our highlights below:

- WaterCorp & GHD Ravenswood Pump Station
- WaterCorp & SSWA Southern Desalination Plant Stage 1 & 2
- WaterCorp & ATJV Mundaring Water Treatment Plant
- WaterCorp & GHD Bungaroo Pipeline Integration Project
- WaterCorp & GHD Stirling Dam Pump Station
- WaterCorp & Clough Beeningup WWTP Water Injection Project
- WaterCorp & Advisian Cunderdin Pump Station
- WaterCorp & SACYR Neerabup Groundwater Treatment Plant



The mining sector demands resilient equipment for the very toughest applications.

From heavy duty slurry handling to high-temperature corrosive applications, Flocontrol has a range of purpose-designed, industry-leading products to meet all manner of mining needs and keep business flowing.

Our Range

Our full mining product range is up on our website, but some popular products include:

- Ball Valves
- Butterfly Valves
- Check Valves
- Control Valves
- Diaphragm Valves
- Gate Valves
- Knife Gate Valves
- Pumps and Pump Parts
- Y-Strainers

The Flocontrol approach leads the way in design and material developments to maximise asset life and minimise downtime. Our products set the benchmark for reliable and safe mineral processing operations - even when it comes to highly corrosive hydrometallurgical circuits and acid handling.

Our Experience

We've worked with some of the most established international mining businesses in Australia - read some of our projects below to find out more!

- South32 Groote Eylandt Tailings Pipeline
- Rio Tinto Mesa A Project
- Rio Tinto Hope Downs 4
- OceanaGold & GRDMinproc Globe Process Gold Project
- FMG & Fortescue Solomon Hub
- Rio Tinto Nammuldi Stages 1 & 2
- GR Engineering Fosterville Paste Plant
- GR Engineering Nova Nickel Process Plan
- Lycopodium Ity CIL Project



The marine sector demands resilient valves for the very toughest applications.

Our Range

Our full marine product range is up on our website, but some of popular valves include:

- Butterfly Valves
- Safety Relief Valves
- Fire Systems

The Flocontrol approach is designed to lead the way in design and material developments to maximise valve life and minimise downtime. Our valves set the benchmark for reliable and safe operations - even when it comes to highly saline, marine conditions.

Our Experience

Our manufacturers products are installed in marine assets belonging to some of the biggest names globally!

- BAE Systems
- Canadian Defence
- Brazilian Naval Commission
- Norwegian Navy
- Global FPSO's including Liza Destiny (Netherlands), Norsok Standard (Norway) and Ghana OCTP and MERO 2 (Singapore)



