



mayfield



Switch on to Mayfield

NATION-WIDE CAPABILITIES FOR:

- ✓ Transportable Switchrooms
- ✓ PLC/Marshalling Panels
- ✓ Switchboards
- ✓ Kiosk Substations

The value you derive from our switchboards and transportable switchrooms has been shaped by collaboration with our clients and reviews of over 2,000 projects.

2000+ PROJECTS

Client teams, EPCs and Mayfield teams

After each project we review our performance and seek customer feedback. This improves our capability and our clients' confidence.

OUR GROUP

Mayfield Industries, STE Solutions, Walker Control and Power Parameters

Mayfield Group Investments (MGI) includes companies specialised in industrial power solutions, electrical construction, testing and commissioning. We reach for their support on complex challenges to deliver unique client value.

OEM PARTNERSHIPS

All major global brands

Our solution is supported by the world's leading OEM suppliers. While we may recommend a supplier to partner with, we are able to meet clients' specific needs.



IN-HOUSE CAPABILITIES

- Project Management
- Design
- Fabrication
- Assembly
- Commissioning

Our investments in people, intellectual property and facilities are aimed at ensuring we have the capability customers need. We firmly believe in Australian manufacturing capability with strong local supply chains.

Industries we have served for over 80 years.



MINING



INFRASTRUCTURE



POWER GENERATION & TRANSMISSION



RENEWABLE ENERGY



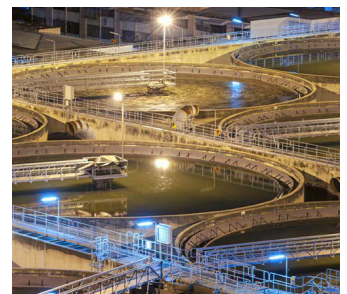
HEAVY INDUSTRY



MINERALS & METAL PROCESSING



OIL & GAS



WATER & WASTEWATER

Australian capability on a national scale, built on our core values, facilities, people, intellectual property and relationships.

CORE VALUES

Our core values represent the key beliefs we seek all our employees to adopt. These values guide our judgements and allow us to respond rapidly and in a coordinated manner in times of complexity.



Safety

Safety first in everything we do



Partnerships

Our clients and suppliers are partners in our mutual success



People

People are core to our future



Innovation

We create value through continuous improvement and innovation



Integrity

We are engaged, decisive and act with integrity



Quality

Quality is our reputation



Community

We support our community

FACILITIES

Project management and design, with Australian fabrication and manufacturing capability.

For your supply chain peace of mind: A local presence within a national footprint and a global reach.

Western Australia Office

Business Development, Design and Engineering, Estimating, Procurement, Manufacture (Assembly and Commissioning)

Offices accommodating our specialist skills in Welshpool.

972m² Switchboard workshop in Welshpool.

850m² Switchroom covered workshop in Henderson.

South Australia Office

Business Development, Design and Engineering, Estimating, Procurement, Manufacture (Assembly and Commissioning)

Offices accommodating our specialist skills.

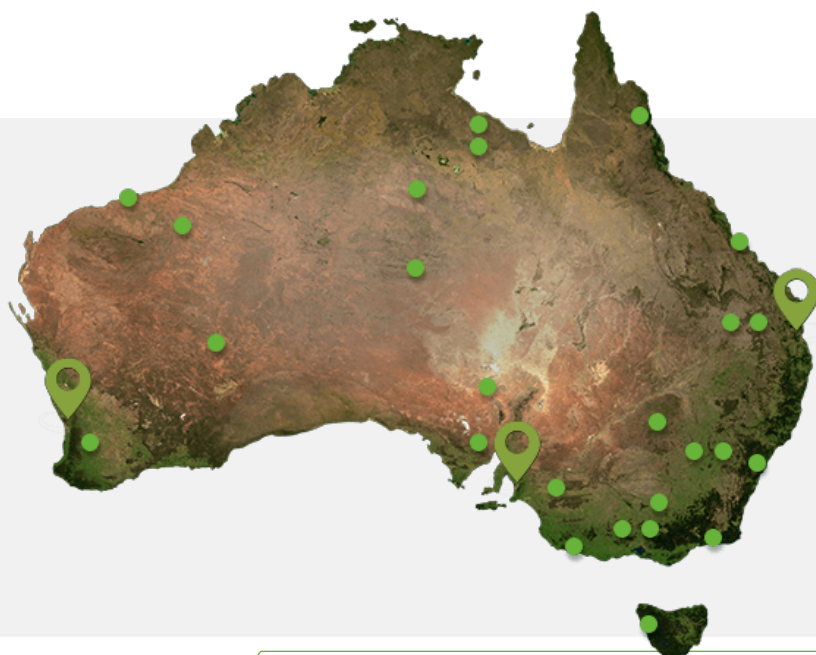
26,500m² manufacturing facility including 8,000m² undercover production space.

Queensland Office

Product Application, Design and Engineering, Estimating

Offices accommodating our specialist skills and product experts in support of Customers and Mayfield Industries facilities nationwide.

The map shows the locations of our facilities and a small sample of our national project reach.



PEOPLE

We are a team of over 120 people located across Adelaide, Brisbane and Perth. We are apprentices, trade assistants, electricians, carpenters, mechanics, sheetmetal workers, boilermakers, technicians, machine operators, powder coaters, leading hands, designers, and engineers. We are safety professionals, salespeople, estimators, project managers, quantity surveyors, accountants, human resource specialists and administrators.

We are all focused on safely delivering our promise and learning from the experience.



INTELLECTUAL PROPERTY

Mayfield owns Moducell; this low voltage switchboard is an Australian-made demountable and modular technology that has undergone verification testing to prove its safety in operation. The modular design provides immense flexibility with an extensive range of tier types which can be configured as single- or double-sided and indoor or outdoor (IP66). The modular design also provides future customer flexibility in being reconfigurable even after installation on site for future upgrades. (Refer Products)

Mayfield is a licence-holder and manufacturer of Schneider's Okken switchboards and enclosures, which provide an ideal reliability solution with their fully withdrawable module design.

We support our products with an extensive range of type tests covering Fault, Temperature Rise and Ingress Protection to name a few.

Our sheetmetal and CAD skills, and design data base allow us to custom-build panels and enclosure to specific requirements and to Australian standards


Our switchroom knowledge has accumulated over years of experience. Integration of building services including HVAC, fire systems and communications into a turn-key, pre-commissioned facility is core to our competence. Our design philosophy and construction methods consider the full range of climates and geotechnical conditions as well as the rigours of transport and placement.

RELATIONSHIPS

Mayfield Industries recognises that our success relies on our interactions with all stakeholders. In particular we value our suppliers and customers with whom we strive to have long-term partnerships rather than individual transactions.

Our supplier relationships are with leading OEM brands: ABB, Eaton, NHP, Schneider and Siemens.

You, our Customers, are typically repeat customers, who we have served on multiple occasions. We hope to be on first name terms, anticipating your needs and valuing the opportunity you give us.



The results of switching on to Mayfield for your next project.

- ✓ SHORTER LEAD TIMES
- ✓ KNOWLEDGEABLE PROJECT MANAGEMENT
- ✓ VALUE ENGINEERING WITH OPTIMISED FOOTPRINT
- ✓ SINGLE POINT OF PROJECT CONTACT
- ✓ FREE CHOICE OF OEM AND TECHNOLOGY
- ✓ AGILE MODIFICATION DURING THE PROJECT
- ✓ DEPENDABLE DELIVERY
- ✓ COMPREHENSIVE DOCUMENTATION

PROJECT MANAGEMENT

YOUR DELIVERY ASSURANCE COMES WITH OUR FEET HELD TO THE FIRE.

Commercially with Mayfield, you have a partner who is tied to successful outcomes, because we will pay a price with delays. Every project comes with a dedicated Project Manager whose sole purpose is focused on benefits realisation for you – on time, on budget, fully compliant, with no surprises. Post commissioning, we review our performance, your confidence levels during the project and your satisfaction upon completion.

- ✓ **Teams integrated and managed:**
Everyone is driven to deadlines.
- ✓ **Suppliers managed:**
It's our responsibility.
- ✓ **Transparent communications:**
Concise updates. Photos provided. Zero excuses.



"Our clients will experience us as a valued partner; professional, convenient and trustworthy."

– **Sam Pemble, Project Manager**

DESIGN

WHEN DESIGN IS INCOMPLETE AND THE CLOCK IS TICKING FOR THE NEXT PHASE...

Switch onto a team who has local presence, backed with national support. We can fire-up engineering design teams who connect directly with our massive in-house assembly and fabrication capacity.



Dependable logistics to ensure even through the toughest environments, products arrive on time and undamaged.

FABRICATION

OUR AUSTRALIAN CAPABILITY IS YOUR ASSURANCE IN AN IMPERFECT WORLD.

Our multi-million dollar investments in fabrication for Adelaide and manufacturing & fabrication in Perth proved their value during COVID-19. Customers experienced zero to minimal interruptions because we have made the right investments in plant, equipment and skilled people.

For every project, there is always change and that's fine. Our vertically integrated fabrication and assembly enables agility and control to accommodate variations, with no need to negotiate with external parties.

- ✓ **A complete innovation roadmap:**
The future of automation, increasing supply chain strength and high value employment.
- ✓ **Short and accurate lead-times:**
In-house agility, skills and innovation.
- ✓ **Everything but heavy structural steel:**
This is a specialised area that needs specific and proven IP. We only work with the best.



"Every investment we make is based only on one thing, how to deliver value to customers, so projects are smooth and predictable."

– **Chris Ware, General Manager**

ASSEMBLY

A SINGLE SOURCE OF NEXT GENERATION SKILLS AND LOCAL RESPONSIVENESS.

Never before has manufacturing and skills development been so exciting. 100% of our talent is based in Australia, assembling on-site and connected to dedicated programs for training. Global access to OEMs gives our people continual exposure to what world-class is and we internally look at how to be part of the movement to push that standard.

Within Mayfield, we dedicate mentors to promote talent and include in our innovation programs, so that the next generation of assembly skills are masters of automation transformation, born in Australia.



"Mayfield Industries provides a supportive learning platform that has enabled my new career with an Adult Electrical Apprenticeship."

– Leanne, second year apprentice

COMMISSIONING

FACTORY ACCEPTANCE TESTING AND COMMISSIONING WITH ZERO IFS, BUTS OR WHOOPS.

If you want one throat to choke, ours is available. You have a guarantee on all work, quality and final commissioning, and we are happy to use your template or ours for the process.

Taking a fully integrated approach saves a lot of time and money for you. Our sister company STE offers the best of both worlds. A streamlined process for total quality assurance, but also with an independent entity who has their own corporate responsibility.

This way, there's no need for your teams to travel extensively to supervise. You can use our expertise and equipment as an extension to your own team, all backed with solid guarantees and proven systems.

This is true Point to Point commissioning and Factory Acceptance Testing for plug and play.



Complete life-cycle support, with maintenance programs to remain safe, compliant and operational are also available.



Everyone deserves to return home safe.

Mayfield Industries is committed to designing and manufacturing products that provide a safe operating environment for our clients, who we recognise are reliant on critical electrical infrastructure to deliver their promises.

OUR PRODUCTS

- **TRANSPORTABLE SWITCHROOMS**
- **MODUCELL DEMOUNTABLE SWITCHBOARDS**
- **FULLY WITHDRAWABLE SWITCHBOARDS**
- **CUSTOM SWITCHBOARDS**
- **PLC/MARSHALLING PANELS**
- **KIOSK SUBSTATIONS**

TRANSPORTABLE SWITCHROOMS

Designed and Engineered for the sole purpose of creating a protective environment for the sensitive switchgear throughout the life cycle. The structural design is key to ensuring rigidity, but offers flexibility to optimise a custom solution for our Clients.

Safety in Design is a critical component in the development of every transportable switchroom.

- Single and Multi-Module builds
- Cyclone, Blast and Ballistic solutions
- Fire rated construction – backed by a Fire Engineering report
- Fire System protection – Detection and Suppression
- HVAC – Split, Packaged, Ducted, Chiller
- Support frames, platforms and stairs
- Complete switchgear and electrical fitout
- Tested and pre-commissioned to the maximum extent
- Built to comply to NCC Class 8 and 10



MODUCELL DEMOUNTABLE SWITCHBOARDS

Moducell is a modular, demountable type tested switchboard solution that provides high flexibility in tier and module layout and future changes as needs evolve. The level of testing has been significant to ensure your employees are safe.

- Type tested to AS/NZS 61439
- IP42, IP54 and outdoor IP66 standard versions
- Top and Bottom entry, Front or Back connect
- Single and Double sided
- Operational voltage $\leq 1000\text{VAC}$
- Rated current $\leq 5000\text{A}$
- Fault level withstand $\leq 100\text{kA}$
- Internal arc fault protection $\leq 80\text{kA}$, 690VAC
- Zincanneal and Stainless Steel options
- OEM freedom of choice



FULLY WITHDRAWABLE SWITCHBOARDS

Okken is a modular, fully withdrawable and type tested switchboard solution that maximises operational uptime. Individual modules can be fully withdrawn without the need to isolate the entire switchboard. The drawer design minimises space delivering the highest density of modules per tier.

Okken is licensed and 100% supported by the worldwide network of Schneider Electric.

- Fully Type tested to IEC 60439, 61439 and AS/NZS 61439
- IP31, IP41 and IP54 versions
- Top and Bottom entry, Front or Back connect
- Single and Double sided
- Operational voltage $\leq 690\text{VAC}$
- Rated current $\leq 6300\text{A}$, horizontal bus $\leq 7300\text{A}$
- Fault level withstand $\leq 150\text{kA}$
- Internal arc fault protection $\leq 100\text{kA}$ for 0.3s



CUSTOM SWITCHBOARDS

All custom switchboards are manufactured in-house and designed to suit critical requirements of our Clients, typically where space, environment or budget are key drivers. Our custom solutions are supported by numerous Ingress Protection, Temperature Rise and Arc Fault tests.

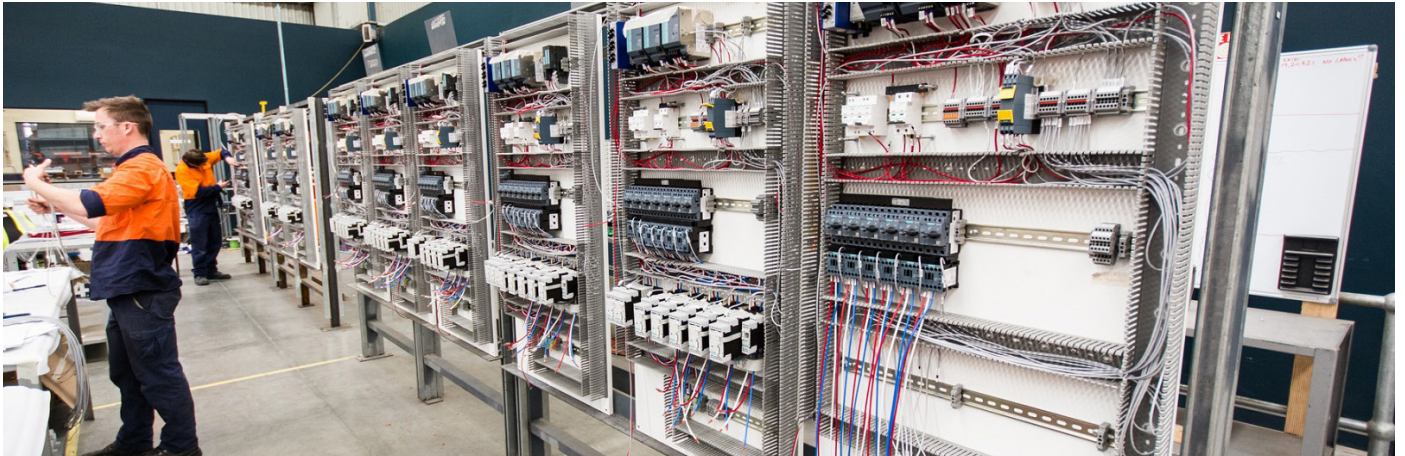
- Zincanneal, Gal Steel, Stainless Steel construction
- Ingress protection $\leq \text{IP66}$
- Fixed and Demountable module solutions
- In-house powdercoating to Internal and External specs
- Solutions for 500C ambient
- Load Break Isolators up to 800A



PLC/MARSHALLING PANELS

Mayfield can offer custom or proprietary enclosures or incorporate PLC/Marshalling into any of our switchboard solutions.

- Ingress protection \leq IP66
- Custom Control Panels
- PLC Panels
- Enclosed Isolator Panels
- Marshalling Cubicles
- Local Control Stations
- Junction Boxes



KIOSK SUBSTATIONS

Our proven designs, materials and specifications prevent wind driven water ingress, minimise dust entry and ensure sufficient airflow for extreme ambient temperatures – all combining to deliver optimal protection for critical electrical equipment.

Whether using our kiosk substations for short term emergency response or a long term fix to existing plant, customers can be certain their critical upstream and downstream electrical equipment will be protected and safe.

We provide turnkey solutions incorporating LV and MV switchboards, with all equipment installed in our manufacturing facilities and extensively tested before deployment to site, reducing on-site disruption and costs.

- Ingress protection \leq IP66
- Natural and Mechanical ventilation solutions
- MV switchgear (RMU and Transformer)
- LV switchboards
- Cabling between MV/TX/LV
- Pre-commissioning and testing completed before factory dispatch.

Additional options include:

- Interconnecting cabling
- Internal/external power and lighting
- Transportation of kiosk to site
- Site installation and commissioning



Learn more about our services and turn-key solutions.

FOR BUSINESS ENQUIRIES

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THIRD-PARTY ACCREDITATION



AS/NZS 9001:2015 – Quality Certified AS/NZS 14001:2015 – Environmentally Certified AS/NZS 45001:2018 – Safety Certified