



PRACTON

ELECTRICAL
SERVICES
EC012088



Newly formed international relationship

Practon Electrical Services Awarded

Australian Distributor for Trafindo

**PRACTICAL SOLUTIONS
FOR YOUR POWER PROBLEMS**



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/// COMPANY OVERVIEW

Practon Electrical Services Awarded brings together mining industry professionals with electrical & engineering experience. We provide our clients with safe, cost effective and innovative electrical solutions for their mining, maintenance, infrastructure and project challenges.

We are committed to ensuring our clients' expectations are exceeded through good safety culture, strong communication, precise planning and effective execution.

By focusing on practical and inventive solutions we are always on the look out for better ways to provide value.

/// MANAGEMENT TEAM

/// MARK MARTIN GENERAL MANAGER

Mark has a strong background in electrical design and problem solving. He has been a qualified electrical / instrumentation tradesperson for over 20 years and worked in a variety of roles from electrical tradesperson right through to site resident manager.

With a can-do attitude and fierce determination, he is a driving force on any project.

He is a skilled practitioner of transformation change and always looking for ways to improve and evolve your business.

/// BRAD SLATER OPERATIONS MANAGER

Brad has over 25 years' experience in the electrical industry in mining operations across Australia. His roles have included electrical tradesperson, electrical superintendent, maintenance manager and project manager.

His broad knowledge base extends to all facets of the electrical field: both surface and underground mining operations, from green fields construction right through to operation.

His fastidious attention to detail and drive to complete all projects to the highest standard will achieve the best possible outcome for your business.

/// CORE COMPETENCIES

/// AUDITING

Our team is conversant with all current electrical industry acts and regulations. We can conduct a detailed audit on your electrical systems for statutory compliance, industry best practice and provide you with a comprehensive report including any non-compliance issues and cost effective solutions to ensure conformity.

/// ENGINEERING

From simple capacity checks to full site-wide power studies, we can provide the engineering expertise to drive your business. As well as electrical power, we can also design and provide solutions for your control systems (PLC/SCADA) and communication challenges.

/// MAINTENANCE

Whether large or small, your infrastructure investments need to be maintained to ensure reliability and high up-time. We specialise in routine proactive maintenance work and can help you undertake the works as well as plan and schedule them. In addition to our onsite personnel, our workshop team has in-house capability to refurbish all electrical equipment and panels.

/// INNOVATION

We believe continuous improvement and innovation is key to our success and yours, and that is why we are continually looking for new opportunities to increase efficiency and reduce costs. By challenging the status quo, we develop practical solutions to your power problems.

/// CONSTRUCTION

The key to a successful construction project is good planning, placing an emphasis on engineering & planning prior to undertaking works to solve issues before they become major problems. Our workshop team provides the in-house ability to design and build custom electrical equipment and panels to reduce cost and lead time.



/// GLOBAL PRESENCE

Australian Sole Distributor:

- Partnering with one of Indonesia's largest manufacturers of distribution and power transformers along with all associated VT's and CT's Hardware.
- Very competitive pricing.
- Low lead times with very low transport times.
- Custom builds available to suit company requirements.

Trafindo's transformers are world renowned and have been supporting industry for the past 43 years.

THE TRAFINDO GROUP

Product Portfolio



Oil-Immersed Transformers

Trafindo is most well-known for the oil-immersed transformers. With a well-proven track record, we supply the pole-mounted transformers to PLN and the larger ground-mounted units to various sectors.

(Up to 4,000 kVA, 36 kV — PLN certified)

Power Transformers

Supported by Siemens, we manufacture power transformers of the highest quality and innovative technology.

(Up to 100 MVA and 275 kV)



Dry Transformers

Suitable for high-rise buildings and important installations. Trafindo cast resin transformers offer higher temperature withstand, longer life, and of course is maintenance-free.

(Up to 8,00 kVA, 36 kV — ASTA Certified)

Special applications:

- **Insulation Class F or H**
- **Additional Fans for Increased Cooling and/or Capacity**
- **Environmental Class E/C/F**
- **Optional IP Rated Enclosure**

3D Oil Immersed Transformers

Using 3 identical rectangular frames which are joined to form an equilateral triangle, Trafindo is the first in Indonesia to offer this unique-shaped symmetrical transformer. This transformer offers many advantages unmatched by traditional stacking core transformers.

(200 - 2,000 kVA, 36 kV)

- **Reduced electricity cost, especially during low-load periods due to its ability to increase power factor.**
- **Great for installation sites with sensitive instruments/equipment where special harmonic withstand is required.**
- **Use as an isolation transformer.**
- **Low noise level.**





Padmount Transformers

Padmount transformers have the advantage of being complete with the required accessories.

Applications: Radial Feed or Loop Feed, Special Oil.

Neutral Grounding Resistor (NGR)

Commonly installed in medium voltage distribution systems. Its function is to limit the grounding current or leakage current which flows from the neutral point of transformers or generators to the ground within an initially pre-set value.



Instrument Transformer (CT / VT)

Current and voltage transformers, indoor and outdoor type, installed in switchgears or at powerlines. For protection and metering purposes.

(Up to 25 kA, 36 kV, PLN Certified, CE Marked, ISO 17025 Certified)

Special Transformers

Various types of transformers with numerous features and different applications, including: On Load Tap Changers, Amorphous Core, Special Oil, etc.

Applications include:

- K-Rated Transformer
- Isolation Transformer
- AVR (Automatic Voltage Regulator)
- Earthing/Zigzag Transformer
- Arc Furnace Transformer
- Traction Transformer
- Three-Winding Transformer
- Phase-Shifting Transformer

Whatever your application is, Trafindo is able to cater to your needs. Please consult our sales engineers.



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