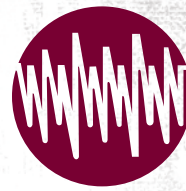


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PME
— since 1968 —

Engineering & Design

First Step to Successful Completion

PME believes that engineering is the first step on the road to successful completion of a project and its quality can greatly affect the final outcome regardless of project size.

Our services cover all facets of the project life cycle from feasibility through to construction and plant upgrades.

Our scope of services includes, but is not limited to:

High Voltage

Fundamental to PME is the health and safety of all those involved and benefiting from our services. That's why every member of our high voltage (HV) team is certified with a nationally recognised HV Jointer licence.

All our team members are highly trained in HV cable jointers and terminators, which includes PNG power trained personnel to perform HV terminations, jointing and very low frequency (VLF) testing.

Just within the HV area, we can provide you with:

- High Voltage termination up to 132KV on underground joints, aerial terminations, Ring Main Units and transformers
- Installation of underground HV cable and services
- Installation of transformers and Ring Main Units (RMU)
- Design and installation of earth grids
- Implementation of maintenance programs on transformers, switch gear and earthing systems
- Performing HV switching operations
- High voltage cable testing with 10KV Meggers, Hi-pot, and VLF testers, using PME's own equipment
- Cable identification and spiking
- Protection relay design & set up
- Cable Fault Location



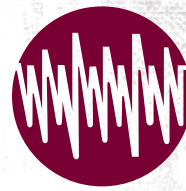
At PME you can be assured there are no gimmicks! We offer reliable service, quality products and knowledgeable, well trained staff, to help you take the guess work out of choosing the right solution for you. So call us today and get the best service and price in Port Moresby.



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Engineering & Design

Instrumentation and Control

At PME, we have established strong relationships with various manufacturers to supply instruments and equipment to our clients. Our company is built upon years of experiences, which enables us to help choose a manufacturer and model that is most suitable for your application.

It will not only be reliable but the most cost-effective and high-quality option available. PME doesn't believe in installing equipment that is not held to the highest standards and also worth the cost.

Our access to this vast range of equipment from a number of manufacturers guarantees that we can find solutions for our clients.

Our services include:

- Temperature elements, including RTDs and thermocouples
- Temperature transmitters
- Pressure transmitters, gauge and differential
- Various flow transmitters, including magnetic, vortex and pitot tubes
- pH transmitters and probes
- Belt weighers (weightometers)
- Solids flow transmitters and impact weighers
- Valves and positioners
- Speed transmitters
- On-board weighing solutions
- Actuators

Automation and Motor Control

Our company provides comprehensive turnkey electrical and automation solutions that are developed with the leading technological innovations. Our highly trained electrical engineering staff provide project management, leadership and support. We deliver these services not just from the initial engineering conception and manufacturing, but right through to the final implantation and commissioning. Ultimately, this assures the best outcome for our clients.

For automation and motor control we provide:

- PLC programming
- Operator interface/HMI/SCADA programming
- Motor/Servo motion control
- Troubleshooting & optimisation
- Industrial networking/communications
- Instrumentation
- Pneumatics/Hydraulic control
- Telemetry
- Data gathering and report generation

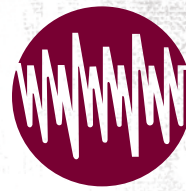
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Engineering & Design

Electrical

For all facets of the electrical industry, PME provides detailed designed services. Regardless of the industry that clients work in, PME is always able to assist in their engineering requirements.

Our services include:

- PLC programming
- Front end engineering design (FEED)
- Conceptual design
- Preliminary design
- Detailed design
- Construction documents
- Specifications
- Bills of material

Hazardous Area

One of our specialities is inspections and installations of hazardous areas in electrical. PME has extensive experience from mining to oil and gas, defence and military, and chemical and food industries.

All of our electricians have comprehensive training and experience in inspection and compliance of electrical installations in potentially explosive atmospheres.

Using this industry knowledge and know-how, we offer our customers will unparalleled inspection programs, ensuring the integrity of equipment and systems. We guarantee that installing an installation in a hazardous area is correctly specified and has no apparent defect, which may render it unsafe.

At PME, we can assist you in providing assurance that your company is complying with the latest international standards, codes and practices, and all legal obligations. Our cost-effective solutions to hazardous area installations and inspections have a minimum interruption to your daily business.

At PME you can be assured there are no gimmicks! We offer reliable service, quality products and knowledgeable, well trained staff, to help you take the guess work out of choosing the right solution for you. So call us today and get the best service and price in Port Moresby.



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