



LEADING THE WAY IN ELECTRICAL  
ENGINEERING AND INSTRUMENTATION  
SOLUTIONS



## INSTRUMENTATION SERVICES



With over 30 years experience, MIE have an outstanding record as a specialist electrical and instrumentation contractor. MIE provide a full range of services including procurement, installation and maintenance services for a diverse range of customer needs. Instrumentation is a critical component for ensuring the stable, accurate and reliable control of process systems. Smart instruments integrated into the plant control systems provide management with timely and accurate data for improved decision making.

MIE have the technical expertise to undertake large comprehensive instrumentation projects in a broad range of industries. MIE's enthusiastic team of professionals continually develop better and more cost effective ways of delivering electrical and instrumentation services to their customers.



### INSTRUMENTATION SERVICES

MIE has a well-recognised capability of tailoring service solutions to meet customer requirements, specifically including instrumentation services in the following areas:

### INSTRUMENT SPECIFICATION AND PROCUREMENT

- Sourcing correct devices for service applications
- Providing alternative sourcing for customer's original equipment spares

### INSTALLATION

- Hazardous area control systems
- SCADA systems
- DCS and PLC systems
- Fire and gas systems
- Process indicators, transmitters and controllers:
  - Control Valves
  - Pressure
  - Flow
  - Temperature
  - Density
  - Vibration

### INFRASTRUCTURE SYSTEMS

- Installation of project infrastructure systems such as:
  - Cabling
  - Junction boxes

- Cable ladder
- Conduit and pipe runs
- Instrument air/ gas reticulation
- Pressure testing small bore piping system
- Safety Instrumented Systems
- Device calibration/recertification using MIE's NATA certified test equipment both on site and off site
- Pre-commissioning services
- No load and load commissioning personnel

### MAINTENANCE

- Identifying and implementing maintenance programs
- Removal, refurbishment and replacement of equipment:
  - Control Valves
  - Pressure
  - Flow
  - Temperature
  - Density
  - Vibration

### OUR BUSINESS

At the commencement of a contract, MIE works with the customer to understand their key performance indicators and expectations. This understanding is then integrated into the management systems to ensure they are fit for purpose. These indicators are monitored throughout the contract to ensure MIE are fully accountable on all levels.

### OUR PEOPLE

MIE have a wide range of skilled staff including engineers, project managers, designers, specialist technicians and administration personnel.

Our approach to projects is ensuring our management, supervisory and worker teams are motivated and committed to both the corporate and customer goals of service and quality.

We believe that loyalty and respect are developed through reliable delivery and building long term relationships that both staff and customers benefit from. We promote a culture of integrity, safety, reliability, and empower all of our staff as valuable and essential team members.

### OUR COMPLETE SERVICES

MIE provide their customers with a range of complimentary electrical and instrumentation services. These services include electrical engineering, telecommunications, electrical and instrumentation design and laboratory and site based calibration services.

**For further information please visit [www.mie.net.au](http://www.mie.net.au) or contact one of the offices.**

**“Expertise in procurement, installation and maintenance services means we understand the intricacies of the entire system and can offer our customers added value and share knowledge.”**



**Brisbane**  
 Level 6, 19 Lang Parade  
 Milton QLD 4064  
 PO Box 1872 Milton QLD 4064  
 T: (07) 3368 6700  
 F: (07) 3368 6777  
[www.mie.net.au](http://www.mie.net.au)

**Gladstone**  
 11 Bassett Street  
 Gladstone QLD 4680  
 PO Box 298 Gladstone DC 4680  
 T: (07) 4971 8555  
 F: (07) 4971 8500

**Perth**  
 59 Albany Highway  
 Victoria Park WA 6100  
 PO Box 600 Victoria Park WA 6979  
 T: (08) 9316 1255  
 F: (08) 9316 1950