



**Ei Tech**  
**Electrical + Instrumentation**  
**Instrumentation**  
**& Control**

Industrial Instrumentation Specialists

 **ei TECH**  
Electrical + Instrumentation  
Power to you.

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# Company Overview

Ei Tech specialises in the delivery, commissioning and ongoing support of industrial instrumentation and control systems across process-driven environments.

Our approach is practical, standards-driven and focused on ensuring instruments perform reliably in real-world operating conditions.



## 04 Core Capabilities

# Installation & Commissioning of Process Instrumentation

Ei Tech delivers the installation and commissioning of process instrumentation including flow, pressure, temperature, level PH, conductivity, density and emission monitoring devices across industrial and process control environments.

We ensure instruments are correctly integrated into the process and calibrated to suit operational and environmental conditions. All installations are completed in accordance with manufacturer specifications, Australian Standards and site requirements, with a focus on long-term accuracy, accessibility and maintainability.

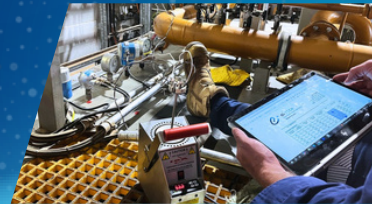


## 05 Core Capabilities

# Instrument Loop Checks, Fault Finding & Diagnostics

Our team performs comprehensive instrument loop checks and diagnostics to verify signal integrity from field device through to control system. This includes validation of wiring, terminations, scaling, I/O configuration and control logic interaction.

Ei Tech is experienced in identifying and resolving intermittent faults, signal noise, grounding issues and process-related anomalies that impact system reliability, minimising downtime and improving plant performance.



## 06 Core Capabilities

# Calibration & Verification with Documented Results

Ei Tech provides instrument calibration and verification services to support compliance, safety and quality assurance requirements.

All calibrations are conducted using appropriate reference equipment and procedures, with results clearly documented for audit and traceability purposes. We support both initial commissioning calibration and ongoing periodic verification programs, helping clients maintain confidence in process measurements and meet regulatory or internal quality standards.

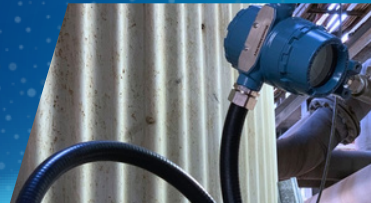


## 07 Core Capabilities

# Control System Integration & Signal Integrity

We support the integration of field instrumentation into PLC, SCADA and DCS environments, ensuring accurate and reliable signal transmission across the control network. Ei Tech focuses on correct signal types, shielding, earthing and segregation to maintain signal integrity and reduce interference.

Our experience enables seamless integration of new instrumentation into existing systems without compromising operational stability.

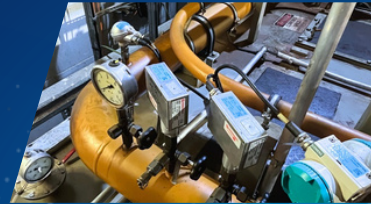


## 08 Core Capabilities

# Preventative Maintenance & Shutdown Support

Ei Tech works alongside clients during planned maintenance windows and shutdowns to inspect, service and validate instrumentation and control assets. This includes condition assessment, calibration checks, fault rectification and recommissioning activities.

Our proactive approach helps identify emerging issues before they impact production, supporting safer shutdowns and more reliable plant restarts.



09

## Core Capabilities

# Commissioning Support for New & Upgraded Plant

We provide commissioning support for new installations, plant upgrades and process modifications, working collaboratively with project teams, engineers and operators.

Ei Tech ensures instrumentation and control systems are correctly configured, tested and handed over in an operationally ready state. Our commissioning support reduces risk during startup phases and supports smooth transition into production.



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