

INDUSTRIAL ELECTRICAL ENGINEERING, **AUTOMATION & MACHINERY DIAGNOSTICS**

Lectro Power Systems delivers specialised industrial electrical diagnostics, custom switchboard manufacturing, and electromechanical breakdown repairs across Western Australia. We bridge the gap between mechanical power and complex electronic controls to maximise plant uptime, resolve recurring faults, and ensure full statutory safety compliance.

CORE TECHNICAL CAPABILITIES

■ 24/7 Breakdown & Fault Finding

Rapid on-site attendance to isolate control circuit dropouts, intermittent sensor trips, and motor drive failures with minimal downtime.

■ Control Systems & Automation

End-to-end PLC programming, HMI screen integration, and fieldbus networking across Allen-Bradley, Siemens, Omron, Delta and Schneider.

■ Motor & Variable Speed Drives

Precision VSD parameter tuning, electronic soft-starter integration, line reactors, dynamic braking, and motor winding analysis.

■ Custom Control Panels & MCCs

In-house switchboard design, CAD drafting, workshop assembly, and site commissioning built to AS/NZS 61439 standards.

■ Machine Upgrades & Safety Retrofits

Modernising obsolete relay logic and legacy controllers, plus compliant Category 3/4 safety circuit upgrades (AS 4024).

■ Pumps, Bores & Water Systems

Submersible bore pumps, constant-pressure booster sets, dual-pump alternator panels, telemetry, and treatment plant controls.

KEY INDUSTRY SECTORS

Manufacturing & Packaging

Food & beverage processing, FMCG packaging lines, cabinetry & joinery, plastics, and warehouse logistics automation.

Heavy Industry & Resources

Mining fixed plant, quarries, structural steel fabrication, cement batching, timber milling, and heavy engineering.

Agriculture & Utilities

Broadacre & horticultural irrigation, municipal water/wastewater, treatment & desalination, and bulk grain handling.



Custom Lectro-Built Switchboard



Precision Diagnostic Testing



Remote Water Treatment Site



Rooftop Cable Tray Installation

EMERGENCY & DIRECT ENQUIRIES

0428 228 552

LICENCE & COMPLIANCE

EC17050 | AS/NZS 3000

RESPONSE TIME

24/7 Breakdown Attendance

SERVICE COVERAGE

Perth & Regional WA

MACHINERY DIAGNOSTICS & BREAKDOWN SUPPORT DIRECTORY

WORKSHOP & PRECISION MACHINERY	HEAVY PLANT & MATERIAL HANDLING	PUMPS & FLUID INFRASTRUCTURE
CNC Routers & Machining Centres	Fixed Plant & Overland Conveyors	Deep-Well Submersible Bore Pumps
Edge Banders & Multi-Borers	Primary Jaw & Cone Crushers	Constant-Pressure Booster Systems
Beam Saws & Panel Saws	Heavy Apron & Vibratory Feeders	Dual-Pump Lift & Drainage Stations
Surface Planers & Thicknessers	Vibratory Sizing & Scalping Screens	Chemical Dosing & Metering Pumps
Metal Lathes & Milling Machines	Overhead Bridge & Gantry Cranes	Water Treatment & RO Plants
Hydraulic & Mechanical Presses	Industrial Mixers & Augers	Water Level & Silo Level Sensors
Industrial Air Compressors	Bulk Screw Augers & Elevators	Custom Pump Control Panels
Packaging Machines & Palletisers	Batching Plants & Industrial Mixers	Centre-Pivot Irrigation Systems
PLC Controllers & HMI Touchscreens	Timber Processors & Debarkers	Submersible Drainage Pumps
VSDs, Soft Starters & Gearmotors	Safety Relays & E-Stop Circuits	Irrigation & Fertigation Pumps

THE LECTRO TECHNICAL ADVANTAGE

Whole-of-System Approach

We test mechanical drag, bearing wear, and pneumatics alongside electrical circuits to fix the true root cause.

Rapid Local Sourcing

Deep Perth supply chain relationships to secure contactors, drives, relays and sensors without shipping delays.

Statutory Safety Certified

All work executed strictly to AS/NZS 3000, AS/NZS 61439 and AS/NZS 4024 machinery safety requirements.

PROJECT & FIELD EXECUTION



Fixed Plant Infrastructure



Precision Panel & PLC Wiring



HMI & Control Diagnostics

HEAD OFFICE & WORKSHOP
Perth, Western Australia

24/7 BREAKDOWN DISPATCH
0428 228 552

WEBSITE & ENQUIRIES
lectropowersystems.com.au

CONTRACTOR LICENCE
EC17050