LECTRO POWER SYSTEMS

ELECTRICAL CONTRACTOR EC17050

WESTERN AUSTRALIA — STATEWIDE SERVICE

INDUSTRIAL ELECTRICAL, AUTOMATION & MACHINERY SUPPORT

Lectro Power Systems is a Western Australian industrial electrical contractor specialising in machinery breakdowns, control systems, automation, motor and drive systems, custom control panels, and fixed plant and pump infrastructure. We support manufacturing facilities, processing plants, industrial workshops, heavy industry and water infrastructure with responsive fault finding, preventative maintenance, machinery upgrades and project electrical works.

CORE TECHNICAL CAPABILITIES

24/7 Breakdown & Fault Finding

Responsive on-site diagnosis across three-phase power, control circuits, PLC I/O, sensors, safety circuits, motors, VSDs, starters and field equipment.

Preventative & Scheduled Maintenance

Planned inspections, thermal imaging, insulation testing, protection checks and condition monitoring to catch faults before downtime occurs.

Control Systems & Automation

PLC programming and fault finding, HMI configuration, VSD integration, control communications, and modernisation of legacy relay-based systems.

Motor & Drive Systems

Testing, installation and fault finding across three-phase motors, VSDs, soft starters, DOL and star-delta starters, and motor protection systems.

Custom Control Panels

Design, assembly, modification and commissioning of control panels, motor control panels, pump panels and machinery control systems.

Electrical Testing & Commissioning

Pre-energisation testing, insulation resistance testing, phase rotation, I/O verification, functional testing and commissioning documentation.

Pumps & Water Systems

Electrical and control support for bore, submersible and booster pumps, irrigation, dosing equipment, level controls and water treatment infrastructure.

Machine Upgrades & Retrofits

Modernisation of ageing machinery through PLC/HMI upgrades, VSD conversions, sensor replacement, rewiring and safety control upgrades.

INDUSTRIES WE SUPPORT

Manufacturing, Packaging & Fabrication

Production lines, packaging systems, CNC machinery, cabinetry & joinery, stone processing and fabrication equipment — conveyors, wrappers, fillers, labellers, routers, beam saws and edge banders.

Heavy Industry & Fixed Plant

Breakdown, maintenance and control support for demanding material handling — conveyors, crushers, feeders, screens, augers, mixers, batching plants and large motor systems.

Water, Wastewater & Irrigation

Electrically driven water infrastructure across industrial, agricultural and treatment applications — bore pumps, sump pumps, booster systems, dosing and treatment plant controls.

Industrial Workshops & Processing

Support for diverse three-phase machinery — lathes, mills, saws, presses, welders, compressors, hoists, mixers, ovens, pumps and PLC-controlled equipment.

EMERGENCY & DIRECT ENQUIRIES
0428 228 552

LICENCE & COMPLIANCE
EC17050

RESPONSE TIME
24/7 Breakdown Support

SERVICE COVERAGE
Perth & Regional WA

MACHINERY & SYSTEMS CAPABILITY

MANUFACTURING & PRODUCTION	FIXED PLANT & MATERIAL HANDLING	MOTOR, AUTOMATION & CONTROL	PUMPS & WATER INFRASTRUCTURE
CNC Routers & Machining Equipment	Fixed Plant Conveyors	Three-Phase Motors	Bore & Submersible Pumps
Beam Saws & Panel Saws	Roller & Chain Conveyors	Variable Speed Drives	Booster Pump Systems
Edge Banders & Multi-Borers	Crushers	Soft Starters	Sewage & Sump Pumps
Planers & Thicknessers	Vibratory Screens	DOL & Star-Delta Starters	Pump Stations
Packaging & Bagging Machines	Feeders	PLC Controllers	Pump Control Panels
Filling & Labelling Equipment	Industrial Augers	HMI Touchscreens	Irrigation Systems
Pallet Wrappers & Palletisers	Bucket Elevators	Safety Relays	Water Transfer Systems
Industrial Mixers	Batching Plants	Emergency Stop Circuits	Water Treatment Plants
Industrial Ovens & Heating Systems	Material Handling Systems	Sensors & Limit Switches	Reverse Osmosis Systems
Dust Extraction Systems	Industrial Fans & Blowers	Encoders	Dosing Pumps
Air Compressors	Gearmotors	Temperature Controls	Level Sensors
Lathes, Mills, Presses & Workshop Machinery	Heavy Motor Control Systems	Control Panels & Field Wiring	Pressure & Flow Instrumentation

THE LECTRO ADVANTAGE

Systematic Industrial Fault Finding

Breakdowns are approached methodically, testing the complete electrical and control chain rather than simply replacing the component showing the fault — supply conditions, protection, motors, drives, field devices, PLC signals, interlocks and control logic.

Electrical, Control & Automation Capability

The ability to work across power, motor control, instrumentation and machine automation allows faults and upgrades to be approached as complete systems rather than isolated electrical components.

Practical Field Execution

From emergency breakdowns and shutdown maintenance to panel modifications and control upgrades, work is planned around site operations to minimise disruption and restore reliable service.

Local Sourcing & Support

Strong relationships with Western Australian electrical and industrial suppliers allow drives, contactors, motors, sensors and switchgear to be sourced quickly when replacement equipment is required.

HEAD OFFICE & WORKSHOP
Perth, Western Australia

24/7 BREAKDOWN DISPATCH
0428 228 552

WEBSITE & ENQUIRIES
lectropowersystems.com.au

CONTRACTOR LICENCE
EC17050

PROJECT & FIELD CAPABILITY

Lectro Power Systems undertakes both reactive and planned industrial electrical work, including:

- Emergency machinery breakdown response
- Production and fixed plant fault finding
- Preventative and scheduled maintenance
- Industrial electrical installations
- Machinery relocations and recommissioning
- Control panel construction and upgrades
- PLC and HMI modifications
- VSD and motor installations
- Pump and water control systems
- Industrial cable, conduit and cable tray installations
- Electrical testing and commissioning
- Shutdown and project electrical works
- Regional and remote site support

SAFETY, QUALITY & COMPLIANCE

Lectro Power Systems operates as a licensed Western Australian electrical contractor and performs electrical installation, testing and commissioning work in accordance with applicable Western Australian regulatory requirements and relevant Australian Standards.

Electrical workmanship, testing, documentation and commissioning are approached systematically, with safety-related machinery controls functionally tested within the electrical scope of work. Where a project requires specialist machinery risk assessment, engineering verification or independent certification, the appropriate specialist requirements can be identified as part of project planning.



Custom Lectro-Built Switchboard



Precision Diagnostic Testing



Rooftop Cable Tray Installation

INDUSTRIAL ELECTRICAL | BREAKDOWNS | AUTOMATION | MOTORS & DRIVES | CONTROL PANELS | PUMPS | MACHINERY UPGRADES

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