

Capability Statement

Electrical, data, security, civil and EV capability for commercial clients

CAPABILITY SUMMARY

New Wave Group is a Melbourne commercial electrical and security contractor. We install, maintain and certify electrical, data, security and civil works for commercial, industrial, healthcare, education and facilities-management clients, and we design, supply and install EV charging. The company is New Wave Electrical Contractors Pty Ltd, REC 16474, based at Rowville, and has operated for more than 20 years.

Delivery is by directly employed, licensed personnel, managed in Simpro from quote to completion. We act as head contractor to the client or as subcontractor to builders and to national facilities and security providers. Recurring compliance programs — RCD testing, emergency and exit lighting, test and tag, and defect repair — are a core part of the business, not an add-on.

COMPANY PARTICULARS

Legal name New Wave Electrical Contractors Pty Ltd

Trading as New Wave Group

ABN / ACN 53 224 978 443 / 108 490 811

Licence REC 16474 — Electrical Safety Victoria

Industry body NECA member

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Service area Melbourne metropolitan area

CORE CAPABILITIES

Electrical

- Commercial and industrial installation, fit-out and refurbishment
- Switchboards, power, lighting and lighting control
- Preventative and reactive maintenance, fault-finding and repairs
- Statutory and compliance testing, tagging and reporting
- Medical electrical, solar, dry fire and hearing augmentation

Data and communications

- Structured cabling for voice, data and network infrastructure
- Communications room fit-out
- Coordination with other trades on multi-service installations

Security

- CCTV design, supply and installation, including cloud-managed systems
- Access control, alarms, intercom and visitor management
- Emergency and exit lighting installation, testing and repair

Civil

- Civil works supporting electrical and communications infrastructure
- Site coordination on multi-trade projects

EV charging

- Residential, workplace and multi-bay charging — design, supply and installation
- Supply upgrades, testing, certification and ongoing support

ELECTRICAL — IN DETAIL

From new installations to ongoing maintenance, the electrical team handles commercial and industrial work across offices, retail, warehouses, healthcare, education and multi-site portfolios. Work is scoped by the estimating team and delivered by directly employed, licensed electricians. Each job is tracked in Simpro from quote to completion, including variations, defects and handover documents.

Installations and fit-outs

- Coordination with authorities to connect power to site
- Main switchboard and distribution board installation and upgrades
- Underground electrical and communications services
- Rough-in and fit-off of lighting and power
- Lighting control systems and associated cable works
- Multi-site rollouts to a consistent specification
- Testing, commissioning, as-built documentation and operation and maintenance manuals
- Electrical safety certification at handover

Maintenance and breakdown

- Programmed preventative maintenance contracts
- Reactive breakdown response and fault-finding, including intermittent faults and nuisance trips
- Defect rectification and switchboard repairs
- LED lighting upgrades and circuit upgrades
- Thermal imaging of switchboards as part of a maintenance program

Compliance testing

- RCD safety-switch trip-time testing, logged and certified to AS/NZS 3760
- Emergency and exit lighting discharge testing to AS/NZS 2293, on a scheduled preventative-maintenance cycle
- Appliance test and tag to AS/NZS 3760
- Results, photos and repair history retained against each asset

Specialist electrical

- Medical electrical installations in patient areas to AS/NZS 3003
- Essential-services upgrades, including substation supply and main switchboards with power factor correction
- Solar panel installation
- Dry fire services
- Hearing augmentation systems

DATA AND COMMUNICATIONS — IN DETAIL

We install the cabling and communications infrastructure that sits behind a client's electrical and security systems. It is usually delivered inside a wider fit-out, by the same team and on the same program, so power and data are not split across two contractors who do not talk to each other.

- Structured cabling for voice, data and network infrastructure
- Communications room and rack fit-out support
- Underground communications services alongside electrical
- Coordination with builders, security and other trades on multi-service sites
- Testing and as-built documentation as part of the electrical handover package

SECURITY — IN DETAIL

Security is led by a dedicated head security installer and covers design, supply, installation and ongoing testing for commercial sites, facilities-management clients and homes. Cloud-managed CCTV and access control are delivered through our partnership with AIHY Cloud Solutions and Verkada: cameras, access, sensors and visitor management in one system, without a traditional NVR or on-site server.

- CCTV system design, supply and installation, including high-definition cloud-managed cameras
- Access control — card, fob and keypad — managed across the doors on a site
- Intrusion alarms and professional monitoring
- Video and audio intercom for reception, docks and gates
- Environmental sensors and visitor management where they form part of the security system
- Emergency and exit lighting installation
- Scheduled emergency and exit lighting discharge testing, with results logged against the job
- Repair and remediation of failed fittings identified during testing, tracked to close-out

CIVIL — IN DETAIL

Civil support is included where the electrical or communications scope needs it — trenching and associated site works for underground services, and coordination so the client is not left holding a gap between trades.

- Civil works supporting electrical and communications infrastructure
- Underground service routes coordinated with the electrical program
- Site coordination across multi-trade projects

EV CHARGING — IN DETAIL

One licensed team designs, supplies and installs EV charging for homeowners, businesses and multi-site operators. The work is treated as an electrical installation: supply capacity, cable route, switchboard condition and future load are assessed before anything is ordered.

- Free site assessment
- Residential wallbox chargers sized to the vehicle and the switchboard
- Single and multi-bay commercial charging for staff, fleet or tenants
- Switchboard and circuit upgrades where the existing supply cannot support the load
- Testing, commissioning and electrical safety certification
- Ongoing support after installation

SECTORS

Capability is applied across commercial offices, retail, industrial and warehouse sites, healthcare, education, community and NDIS buildings, government and public infrastructure, and facilities-management portfolios. A significant share of the work is recurring maintenance and compliance across multiple sites, rather than single projects.

MAINTENANCE AND COMPLIANCE PROGRAMS

Programs are built for clients who need assurance across one building or a portfolio. Schedules become job records. Technicians test and record on site. Defects are repaired inside a tracked workflow. The file is what an auditor sees.

1. Programmed scheduling

Preventative-maintenance schedules are processed into individual jobs for every site and asset. The compliance calendar covers what is due, on which board or fitting, and when the technician is booked.

2. Site testing and reporting

On-site testing is completed and logged against the job. Scope typically includes RCD testing to AS/NZS 3760, emergency and exit lighting discharge testing to AS/NZS 2293, and test and tag. Thermal imaging is included where the program calls for it.

3. Repair and remediation

Failed items are matched to a purchase order and moved through identification, repair and close-out. The repair does not sit outside the compliance record.

4. Documentation

Test sheets, photos and repair history are retained against the asset in Simpro and can be produced for audit, insurance or a facilities report.

5. Account management

The office team manages invoicing and follow-up. Clients are contacted about outstanding items. Programs are not left to drift because an invoice or a revisit was never raised.

Subcontractor compliance

Where delivery includes subcontractors, certificates of currency and licensing are tracked so a mixed direct and subcontract model still presents one compliance position to the client.

STANDARDS, LICENSING AND ASSURANCE

- Licensed electrical contractor, Electrical Safety Victoria — REC 16474
- NECA member

Electrical standards

All electrical installation work is carried out to AS/NZS 3000 (the Wiring Rules) under the Victorian Electricity Safety Act and Electricity Safety (General) Regulations. The standards below apply across that work, and the specialist standards apply where that scope is part of the job.

- AS/NZS 3000 — Electrical installations (Wiring Rules)
- AS/NZS 3008.1.1 — Electrical installations — Selection of cables
- AS/NZS 3012 — Electrical installations — Construction and demolition sites
- AS/NZS 3017 — Electrical installations — Verification by inspection and testing

- AS/NZS 3019 — Electrical installations — Periodic assessment
- AS/NZS 4836 — Safe working on or near low-voltage and extra-low voltage electrical installations
- AS/NZS 61439 — Low-voltage switchgear and controlgear assemblies
- AS/NZS 3003 — Electrical installations — Patient areas
- AS/NZS 3760 — In-service safety inspection and testing of electrical equipment and RCDs
- AS/NZS 2293 — Emergency lighting and exit signs for buildings
- AS/NZS 5033 — Installation and safety requirements for photovoltaic (PV) arrays
- AS/NZS 4777.1 — Grid connection of energy systems via inverters — Installation requirements
- AS/NZS 61851 — Electric vehicle conductive charging system

Communications, fire and security

Where the job includes these services, work is carried out to:

- AS/NZS 11801 — Generic cabling for customer premises
- AS/CA S009 — Installation requirements for customer cabling
- AS 1670.1 — Fire detection, warning, control and intercom systems — design, installation and commissioning
- AS 1428.5 — Communication for people who are deaf or hearing impaired
- AS/NZS 2201.1 — Intruder alarm systems — design, installation, commissioning and maintenance
- AS/NZS 62676 — Video surveillance systems for use in security applications
- Directly employed licensed electricians and security installers
- Fully insured
- Job history, test results and supporting documents retained for audit

SYSTEMS AND REPORTING

Simpro is the system of record for quotes, jobs, assets, scheduling, test results and staff licensing. Clients get a single place where status and compliance history can be reported from. Xero handles accounts. Microsoft 365 handles email and documents. Verizon Connect provides live fleet tracking so dispatch matches what is actually on the road.

- Quote-to-completion job records, including variations and defects
- Asset-level test history for recurring compliance programs
- Route-optimised scheduling and GPS-tracked vehicles across Melbourne metro
- Office, estimating and accounts support in-house, not outsourced

KEY PERSONNEL

Leadership

- Jeremy Reeves — Managing Director
- Luke Higgins — Operations Manager

Estimating and contracts

- Sowj Paniyur — Lead Estimator and Contract Administrator

Field delivery

- Licensed electricians
- Head security installer
- Technicians for scheduled emergency and exit lighting testing and maintenance

- GPS-tracked fleet across Melbourne metro

Office, accounts and administration

- Ella Church — Office Administrator, scheduling, client communication and accounts receivable
- Zoe Reeves — Administrator
- Brendan Porter — Company Accountant

HOW WE DELIVER

- Direct employment of licensed electricians and security installers — not a labour-hire model
- Estimating, operations and administration under one roof in Rowville
- One team for power, data and security on fit-outs, so interfaces stay inside the company
- Simpro job and asset management for tracking and client reporting
- Route-optimised, GPS-tracked scheduling across Melbourne metro
- Handover with testing, certification, as-builts and maintenance manuals on project work
- A single office contact for scheduling, accounts and program follow-up

SELECTED EXPERIENCE

- Royal Talbot Rehabilitation Centre, Kew — essential-services upgrade: substation supply and new main switchboard with power factor correction, for Austin Health
- Hamer Hall — theatre lighting refurbishment
- Storage King Knoxfield — commercial electrical package for Total Construction
- NDIS apartments, Glen Huntly and Frankston — specialist residential fit-outs for Constructive Group
- Epping Secondary College food technology rooms — for Constructive Group
- Walker Street Pavilion, Nunawading — community facility for 2Construct

Construction clients include Total Construction, 2Construct, Constructive Group, Civic Crown, Intrec and Insitu Group. Maintenance and commercial clients include Chubb, rae-line, Royans, SIXT, Kookaï, Hallam Truck Centre, Hallmark, Visy, JBS and ARB.

WHY NEW WAVE

Consistent standards

A directly employed team means the same licensing, safety practice and workmanship on every site, including sites attended every month under a compliance program.

Audit-ready records

Test results and job history are captured in Simpro against the asset. Evidence is produced from the system when an auditor, insurer or facilities manager asks for it.

Scope in one contract

Electrical installation, data, security, civil support, EV charging and ongoing testing can sit with one contractor. Fewer interfaces, fewer gaps at handover.

Already running at portfolio scale

Recurring multi-site compliance programs are in place for national clients. The scheduling, testing, repair and reporting process is operating, not proposed.

GET IN TOUCH

We would welcome the opportunity to discuss a project package, a maintenance program, or a place on a builder or facilities panel.

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