Ensure your property is safe, compliant and energy efficient

Discover our Electrical Solutions

GROSVENOR]
engineering group

Integrated solutions that provide outcomes

Grosvenor Engineering Group (GEG) has a fully developed, integrated service offering that achieves tangible outcomes for your facility.

With multiple licensed electricians across ANZ, we can provide ongoing service and maintenance of your electrical equipment in accordance with all government legislations and relevant Australian and New Zealand Standards. Our electrical services extend across both maintenance and installations; including fit-outs, minor works, projects, energy efficiency, minor construction and repairs and breakdowns.

MAINTENANCE

REPAIRS

CONSTRUCTION

ENGINEERING DESIGN

Our Expertise Extends Across Many Market Sectors

From offices and retail, to data centres and hospitals, we work across 19,000 properties in many industry sectors.

OFFICE

RETAIL

DATA CENTRES

HEALTHCARE

EDUCATION

VENUES

HOTEL

ROAD AND INFRASTRUCTURE

Our ANZ Network

With a nationwide footprint, our clients are supported by a workforce of over 800 employees which include specialist engineers, technicians, projects managers, estimators, site personnel, and service specialists.

KEY

- ◇ Head Office
- ● State Branches
- ▲ Local and Regional Branches

An Overview of Our Electrical Service Solutions

Test and Tag Appliances

The current ANZ standard, AS/NZS 3760:2010 specifies the test and tag required to be conducted by technicians in order to confirm the electrical safety of portable electrical appliances. Our technicians use a sophisticated PAT and thermal printer to test and tag your electrical appliances and print tags on site.

RCD Testing/Electrical Safety Switches

The new AS/NZS 3000:2018 wiring rules specifies significant clarifications to the protection requirements of RCDs. Our team of Electricians can design, construct and verify the electrical installations in your building to ensure compliancy and that there is no danger to the occupants and equipment.

Infra-red Thermal Scanning

When parts of your electrical systems begin to have problems, they give off heat which is usually a sign of electrical resistance or excessive friction. Our thermal scanning service helps to identify equipment flaws and pinpoint any hot spots not visible to the naked eye, through this infra-red technology.

Uninterruptible Power Supply (UPS) and Battery Maintenance

We service and maintain your UPS, ensuring it is in peak performance in accordance with the manufacturer's specification and requirements. We also check your battery condition during your UPS maintenance and replace batteries on site.

Exit and Emergency Lighting

When it comes to emergencies and the need for occupants to evacuate a building safely, we can provide a comprehensive site risk assessment and recommend the correct placement for exit and emergency lighting. Furthermore, we can develop and deploy all the required assets to implement your building's evacuation plan.

Lighting Services

The lighting of any property can hugely influence personal well-being and health, motivation and performance. What has to be taken into consideration when it comes to commercial lighting is not just the aesthetics of how the lighting is incorporated into the building, but the impact it has on the workers and in turn the business. We can:

- Fit-out
- Refurbish & upgrade lighting systems
- Replace & clean lamps, upgrade to LED lighting

Energy Management and BMS

BMS and controls are an essential requirement in modern buildings. We can provide systems to improve visibility over the performance of your assets to deliver improved comfort and energy efficiency:

- Energy usage analysis
- HVAC Wiring and controls
- Lighting Control - Automated Lighting, Sensors, Movement Detection

Switchboard and Metering Alterations

We can design, upgrade or install commercial switchboard and metering solutions. The safety of our business is priority as there are many dangerous and costly hazards that may become apparent when overloading a commercial switchboard. We can identify possible faults, temperature changes and abnormal activity within your switchboard.

Power Factor Correction (PFC)

Power quality is critical to efficient operation of equipment and a contributing element to power quality is power factor. PFC aims to improve the power factor. Our PFC equipment maintenance includes checking that the system is operating at optimum performance levels. We check the following:

- Electricity load reduction
- Voltage levels
- Harmonic content
- Detailed equipment condition
- Full functional operation

Diesel Generators

Diesel generator sets – used for either prime or backup (emergency) power – must be regularly maintained to ensure they provide quality power throughout their service life. Our maintenance includes checking that the system is operating at optimum performance levels. We check the following:

- Timely removal of worn out parts or upgrading the components
- Checking fluid levels
- Battery inspection and cleaning of connections
- Load bank testing
- Verifying control panel readings and indicators
- Changing fuel and air filters

Energy Efficiency Upgrades - LED Lighting Upgrades & Building Optimisation

We work with clients to develop a strong business case for energy efficient upgrades, by considering the client's existing energy usage, business operations and building profile. This may include LED lighting upgrade, Power Factor Correction, HVAC equipment and controls optimisation, or solar PV systems.

Earthing Systems

We test installations of earthing systems in accordance with AS/NZS 3000 regulations.

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HVAC | FIRE | ELECTRICAL | ADVISORY | PROPTECH

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