

A photograph of an industrial facility at night, featuring several tall distillation columns and complex piping systems, illuminated by artificial lights against a dark sky.

KEEPING OUR MAJOR
INDUSTRIES THRIVING



KOTTEK PTY LTD

ELECTRICAL & INSTRUMENTATION

Meet our director

Carlyle Kottek

Mr Kottek offers a unique professional life force to the industrial world through his ethical leadership style and through the Signature Training he provides his workforce as the Managing Director and Founder of KOTTEK PTY LTD for the past 10+ years.

His successful career experience as a dual tradesman spans for over 19+ years.

Kottek's industry leadership experience expanded with becoming a Certified Performance & Results Consultant for work site relationship dynamics, and team building, including for those at the C-level positions, and is a high-end provider of technical expertise and labour.

Kottek holds various certifications among which are the Cert IV Small Business Management, Cert IV Project Management, Advanced Diploma of Renewable Energy, is a CERT IV Systems Electrician / Instrumentation technician, as well as being a High Voltage Operator & High Voltage Co-ordinator. Kottek has completed Lean / Six Sigma Trainings achieving a Yellow Belt. Kottek is also a Neurolinguistics (NLP) Master Practitioner, and an NLP Trainer focused on the individual for the good of the team and the company.

Outside of running his business, Kottek enjoys helping raise his family, and participating in competitive team sailing. He was an active skydiver holding a C License with over 150 jumps, holds a Black Belt in Kickboxing and Muay Thai and was an instructor with over 10 years of experience in the discipline.



CORE VALUES

Reliability

At Kottek, we prioritize reliability by providing consistent, customised solutions for your electrical and instrumentation needs, helping you save time, money, and hassle while optimizing your success.



Family

As a family-owned business, we are dedicated to fostering respectful, lasting relationships with our clients and workforce, which cultivates a positive workplace culture that drives excellence, efficiency, and results.



Success

Your success is our success at Kottek, where we carefully match you with skilled maintenance technicians who provide high-quality, tailored solutions to enhance the safety, efficiency, and profitability of your plant.



Adaptability

Our adaptable and proactive approach ensures seamless collaboration with your existing crew, delivering timely project completion with minimal disruption while maintaining optimal efficiency and quality.



INDUSTRIES

At Kottek, we connect you with top industrial maintenance technicians, guiding you to enhance the safety, efficiency, and profitability of your large-scale facility. Your unique needs drive our commitment to delivering exceptional service.

We have a track record of successful support for clients in the following industries:

- Gas
- Chemical manufacturing
- Hydrogen
- Power plants
- Major hazardous facilities
- Large-scale manufacturing
- Food and beverage
- Water and treatment facilities





INDUSTRIAL MAINTENANCE

Automated systems

We provide a range of comprehensive solutions to keep your automation systems running smoothly. The following services can be tailored to fit your specific requirements:

- Installation or replacement of PLC/DCS systems, processors, or input/output cards
- Installation of new input or output field devices and loop cables
- Ladder logic backups
- Program changes
- Process optimisation/loop controller tuning for process efficiency
- Fault finding to resolve breakdowns.



Callouts and breakdowns

A breakdown in a production line is critical, and timely intervention from a maintenance technician is essential, especially when on a contract to deliver products on schedule.

Our technician's role is to:

- Tend to the breakdown in a timely manner
- Fix the problem and safely get the production line equipment operational
- Report on the situation found, document the issue, root cause, and actions taken.
- Provide follow-up recommendations
- Participate in debrief meetings



Equipment procurement

Ensuring the availability of critical spare parts enhances the reliability of production line output. Our technicians assist with various aspects of inventory management, including:

- Critical spare parts audits: Regular checks to ensure essential components are in stock.
- Spare parts acquisition: Streamline procurement to maintain optimal inventory levels.
- Supplier management: Build relationships with reliable suppliers for quick access to parts.



Hazardous area services

Our hazardous area services encompass inspections and rectification work for Electrical Equipment in Hazardous Areas (EEHA). These services are crucial for industrial facilities to ensure safe operation in designated hazardous zones while complying with legal requirements. We provide support in the following areas:

- Inspections: Detailed, close, visual, periodic, on-demand
- Maintenance: Repair, calibration and Installation to AS/NZS60079
- Motors
- Valves
- Solenoids
- Power outlets
- Junction boxes
- Lighting
- Instrument – switches
- Instrument – transmitters
- Position indicators



High voltage switching

High Voltage (HV) equipment must be routinely de-energized, isolated, locked out, and safely restored for service. HV switching is a critical and systematic task in industrial facilities, which is why it should only be carried out by qualified, trusted, and authorized professionals. Our specialists are equipped to perform the following HV-related activities at your facility:

- Writing HV switching sheets
- Conducting HV switching operations
- Coordinating multiple HV work teams
- Issuing HV access and test permits, or work in vicinity
- Providing statement of condition of apparatus/plant (SCAPS) to network authorities.



Instrument function testing

Regular checks are essential for critical safety, quality, and environmental automated systems in an industrial facility. These checks ensure that devices related to safety and controlled processes operate consistently and reliably as intended. Our workers will assess:

- Control valves
- Block valves
- Solenoids
- Actuators
- 2 out of 3 voting systems.
- Intrinsically safe barriers
- mA control loops
- Trip-amps
- Motor control circuits
- Capacitive rods
- Tuning forks
- Pressure switches
- Float switches





INDUSTRIAL MAINTENANCE

Instrument Calibrations

Our specialists will ensure the continued accuracy and reliability of your facility's essential instruments. Regular checks and adjustments are necessary to uphold the integrity of quality control systems, safety systems, and environmental monitoring. These services include:

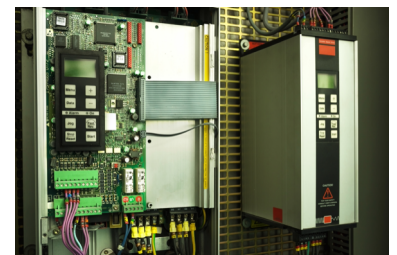
- Pressure
- Level
- Ultrasonic
- Radar
- Flow
- Vibration
- Temperature
- pH
- Conductivity
- Gas detectors
- Gas analysers



Maintenance projects

Our technicians are equipped to oversee a diverse array of projects within your maintenance department, ensuring that each aspect is handled with expertise and precision. This includes, for example:

- Electrical initiatives
- Instrumentation projects
- Automation systems
- Electrical equipment for hazardous areas
- Large-scale equipment rectification
- Comprehensive equipment replacements
- Installation of new equipment in bulk



Mandatory compliance

Our services include mandatory testing and safety inspections of electrical installations and instrumentation systems, ensuring that your industrial facility meets legal compliance requirements.

ELECTRICAL

- Electrical installation testing
- Earth continuity checks
- RCD testing
- Emergency exit light checks
- Smoke detector checks
- Thermographic camera checks
- Test and tag
- Battery checks
- Uninterruptible Power Supply (UPS) checks

INSTRUMENTATION

- Cause and effect testing
- Control measures
- Safety critical
- Environmental critical
- Process important checks



On-call services

Having technicians assigned to your industrial facility on a rotational on-call basis can significantly minimize the risk of downtime due to breakdowns. We offer on-call services for our long-term labour-hire clients to enhance the reliability of production output. These services include:

- Dedicated technicians
- Rotating on-call rosters
- After hours availability for emergency support
- Timely troubleshooting and repairs
- Flexible scheduling to meet your needs



Preventative maintenance

This proactive approach enhances the reliability and efficiency of your facility, enabling you to achieve optimal production output. Examples include:

- Managing and updating computer maintenance management systems
- Conducting routine equipment checks and inspections
- Performing root cause analysis and implementing improvement initiatives
- Scheduling regular preventative maintenance tasks
- Monitoring equipment performance metrics
- Developing and updating maintenance protocols
- Ensuring compliance with safety and regulatory standards





WORKFORCE LABOUR

Enhance your facility's success with our expert workforce solutions. We collaborate with large industrial facilities to deliver reliable and motivated electrical and instrumentation specialists right when you need them.

Long-term labour

Our long-term labour solutions provide dedicated technicians for ongoing maintenance, ensuring reliability, expertise, continuity, cost-effectiveness, and flexibility to enhance your facility's operating efficiencies



"Keeping Current In Your Connections"

Short-term labour

Supplementary

Our short-term labour solutions offer additional workforce support to handle increased workloads efficiently.

Backfill

We provide skilled labour to cover for your regular workers when they are unavailable, ensuring seamless operations.

Commissioning

Our technicians are available for the final stage of your project, ensuring a smooth and successful commissioning process.

Shutdowns

We supply dedicated labour for planned maintenance events, helping you manage shutdowns effectively and minimize downtime.

Customised labour

Our customised labour solutions offer bespoke workforce support tailored to meet your unique or special circumstances, ensuring you receive the exact expertise and services needed for your specific requirements.

MAINTENANCE TECHNICIANS

Our extensive database offers qualified maintenance technicians for short- and long-term engagements, ensuring your site operates safely, efficiently, and profitably, with tailored project plans that integrate seamlessly with your existing teams.

- A-grade electricians
- Instrumentation technicians
- Dual trade: Electrical / instrumentation
- High voltage switching operators
- Maintenance supervisors / team leaders
- Mechanical fitters

RECRUITMENT SERVICES

Our recruitment services empower you to find the perfect candidates, ensuring you lead your hiring process with confidence through our intensive vetting, screening, and training solutions.

Client-Focused Approach

Our expertise empowers you to take charge in building your team, aligning perfectly with your vision.

Thorough Screening:

We perform rigorous vetting to guarantee that you hire only the most qualified talent for your specific requirements.

Comprehensive Training:

Our training services prepare your new hires with the essentials they need to thrive from day one.

Hire Kottek

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