

Arcolec



02 9700 0200

| www.arcolec.com



VISION

To be Australia's most trusted partner in industrial electric motor and pump solutions- managing critical systems and infrastructure, delivering dependable, services that ensure our customers success.

MISSION

Our Mission is to support clients from start to finish, providing high quality repair, maintenance, and supply services for electric motors, pumps, marine systems, and industrial equipment. We partner with our clients to deliver timely, efficient, and expert solutions that support operational continuity, enhance performance, and ensure safety across critical environments.

VALUES

We are committed to delivering quality outcomes through technical excellence and precision. Our deep industry knowledge drives practical, effective solutions, while our customer first approach ensures we respond to every need with flexibility and focus. Integrity is at the core of our business, ensuring transparency, accountability, and trust in every project we undertake.

A large commercial airplane is shown from a low angle, looking up at its nose and cockpit. The sky is a mix of orange, pink, and blue, suggesting a sunset or sunrise. The airplane's white fuselage and dark windows are prominent. The tail fin is visible on the right side of the frame.

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OUR HISTORY

Arcolec *A LEGACY OF RELIABILITY & INNOVATION*

1990's

Foundation and Establishment

Arcolec is established, beginning its journey as a trusted provider of electric motor and industrial services. The company quickly earns a reputation for reliability and technical expertise.

2000's

Expansion of Services

The company expands its services to include both AC and DC motor solutions, ventilation systems, cooling tower pumps, and comprehensive maintenance and fault diagnosis for various industries.

2010's

Industry Reach and Specialisation

Arcolec expands its services across diverse industries, including defence, mining, shipping, aviation, food processing, and manufacturing. Its strong presence in the shipping sector stands out, supporting both commercial and defence fleets.

2020's

Focus on Tailored Solutions and Reliability

Arcolec reinforces its commitment to tailored manufacturing, motor monitoring, and minimizing downtime through robust maintenance schedules and advanced fault diagnostics.

Present Day

A New Chapter

Backed by over 25 years of industry experience, Arcolec is entering a new chapter—driven by a renewed commitment to excellence, adaptability, and delivering smarter outcomes for its clients.

DRIVEN BY EXPERIENCE TRUSTED BY INDUSTRY.

INDUSTRY SECTORS

Arcolec Pty Ltd offers specialised electrical and mechanical services across several key industry sectors:



MARINE

Arcolec offers electric motor repairs, rewinds, and ship supplies, along with on-board maintenance for vessels and offshore operations, ensuring reliable performance in the marine environment.



INDUSTRIAL

Specialising in motor and generator repairs, Arcolec provides on-site servicing to keep industrial machinery running smoothly and efficiently, minimising downtime and maximizing productivity.



MINING

Arcolec supports mining operations with expert maintenance and on-site servicing for rotating electrical machinery, ensuring the reliability and efficiency of critical equipment.



FOOD & BEVERAGE & PHARMACEUTICAL

Arcolec delivers expert maintenance and servicing for critical equipment, ensuring efficient, reliable operations in the food and beverage industry.

The Arcolec logo, featuring a stylized green wave above the word 'Arcolec' in a bold, green, sans-serif font.

SERVICES

MARINE SERVICES

- Motor repairs & rewinds
- Ship supply & parts
- Dry dock support
- Onboard fault finding
- Welding, tiling & painting
- Emergency call outs

FOOD, BEVERAGE & PHARMACEUTICAL

- Pump & gearbox maintenance
- Servo motor diagnostics & repairs
- Thermal imaging & fault detection
- Switchboard inspections & upgrades
- Automation & control panel support

INDUSTRIAL SERVICES

- Plant motor & pump repairs
- Blower/fan servicing
- HVAC motor support
- Performance testing
- Custom servicing solutions

AGRICULTURE SERVICES

- Motor & irrigation pump repairs
- Control panel design
- Automation support
- Equipment wiring & electrical fitouts
- Preventative maintenance

MINING SERVICES

- Pump overhauls
- Custom-built hazardous area switchboards
- Breakdown support
- Compliance testing

ON-SITE SERVICES

- Motor removal & installation
- Onsite fault finding
- Vibration analysis & alignment
- Onsite balancing & repairs
- Scheduled maintenance
- Emergency breakdowns



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MARINE SERVICES



EXPERT SUPPORT FOR THE SHIPPING INDUSTRY

ONBOARD REPAIRS & EQUIPMENT HANDLING

- Onboard repair of electric motors, pumps, and marine equipment
- Removal and reinstallation of motors, pumps, and mechanical systems

MARINE ELECTRICAL MAINTENANCE

- Electrical maintenance services tailored for shipping operations
- Reliable, efficient support to keep your vessel operational

SHIP SUPPLY SERVICES

Arcolec's MarineSales© division provides efficient ship supply services across Australia's major ports, delivering everything from engine parts to fresh produce.

ARCOLEC SUPPLY:

Marine spares & engine parts
Fresh produce & flowers
Cleaning & safety products

Tools & technical gear
Furniture & galley equipment

Our Sydney based team works with trusted port partners to deliver ship supplies across Australia. MarineSales© makes it easy to get what you need, when and where you need it.

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Arcolec

INDUSTRIAL SERVICES

Arcolec delivers specialised industrial electrical and mechanical services to support critical plant operations, minimise downtime, and extend equipment life. Our expertise lies in the servicing and maintenance of rotating electrical machinery — both AC and DC — along with associated control wiring, switchboards, and protection systems.

AT ARCOLEC WE PROVIDE:

- Motor & generator overhauls
- On-site extraction & reinstallation
- Bearing replacement & shaft alignment
- Laser alignment & dynamic balancing
- Commutator & slip ring servicing
- Switchboard & starter maintenance



PROTECT PRODUCTIVITY & EXTEND EQUIPMENT LIFE WITH OUR EXPERT INDUSTRIAL MAINTENANCE SOLUTIONS.

Our team conducts equipment condition surveys and offers shutdown maintenance programs tailored to your production schedule. These proactive services help prevent unexpected failures, support continuous operation, and reduce costly interruptions.

With decades of experience in plant and engine room servicing, Arcolec is a trusted partner for industrial sites seeking reliable, high-performance maintenance solutions.

WATER TREATMENT & UTILITIES

POWERING ESSENTIAL INFRASTRUCTURE WITH RELIABLE SUPPORT

Arcolec plays a vital role in supporting the water industry — from treatment plants and pump stations to large-scale industrial users. Our services help ensure continuity, compliance, and performance across critical assets.

CORE SERVICES

PUMP & MOTOR REPAIRS

- All brands and sizes
- Fast turnaround and testing
- Emergency breakdown service available

MECHANICAL SERVICES

- Shaft alignments, seals, bearings, and overhauls
- On-site or in-workshop repairs
- Preventative maintenance plans

ELECTRICAL SERVICES

- Switchboard and control panel servicing
- Fault finding, wiring and motor control
- Field instrumentation support

INSTALLATIONS & UPGRADES

- Supply and install of new equipment
- Support during plant upgrades or expansions
- End-to-end project support



LET'S WORK TOGETHER

From once off pump repairs to ongoing asset management,
we're ready to support your team.

Contact us to learn more about how we can keep your operations flowing.

ELECTRICAL & MECHANICAL SUPPORT FOR TUNNEL INFRASTRUCTURE



**TUNNEL
SOLUTIONS
YOU CAN
RELY ON**

WHY CHOOSE US FOR YOUR TUNNEL SERVICES?

VENTILATION MOTOR REPAIRS

Comprehensive repair and maintenance of tunnel ventilation motors, including axial and centrifugal types, to ensure optimal airflow and compliance.

MOTOR REWINDS

Precision motor rewinds to original equipment manufacturer (OEM) standards, restoring tunnel fan motors to efficient, reliable operation and extending their service life.

ON-SITE DIAGNOSTICS & ALIGNMENT

Laser alignment, vibration analysis, and troubleshooting performed in place to identify and correct issues without removing critical equipment.

JET FAN SERVICING

Full servicing of jet fans, including cleaning, balancing, and repairs, ensuring consistent airflow and emergency readiness in tunnel environments.

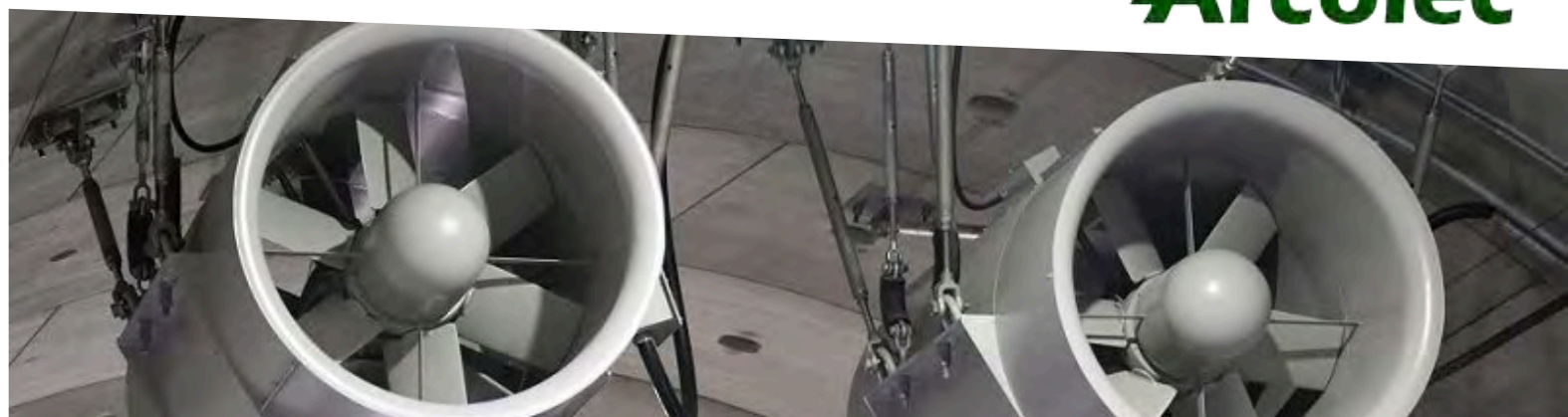
ECONFINED SPACE WORK

Safe, certified confined space servicing with trained technicians and compliant procedures for hard-to-access tunnel areas.

ELECTRICAL TESTING

Detailed electrical inspections, including insulation resistance and continuity testing, to support safety, reliability, and compliance.

Arcolec



INDUSTRIAL FAN BALANCING

RESTORE PERFORMANCE REDUCE RISK

THE ARCOLEC ADVANTAGE IN FAN BALANCING SERVICES



REDUCE DOWNTIME

Prevent failure before it stops your production.

EXTEND EQUIPMENT LIFE

Protect bearings, shafts and mounts from unnecessary wear.

LOWER ENERGY COSTS

Balanced fans draw less power and run more efficiently.

STAY SAFE & COMPLIANT

Meet OH&S vibration standards and reduce noise.

WE BALANCE ALL FAN TYPES

Whether it's large scale industrial systems or compact commercial units, Arcolec has the expertise to restore balance and performance across a wide range of fan types:

HVAC SUPPLY & EXHAUST FANS

Essential for ventilation, heating, and cooling systems – we keep them running smoothly and quietly to ensure comfort and compliance.

COOLING TOWER FANS

Critical for industrial temperature regulation – our balancing reduces stress on motor components and maximises energy efficiency.

AXIAL & CENTRIFUGAL UNITS

From high volume axial fans to high pressure centrifugal blowers, we optimise both air movement and mechanical reliability.

BLOWERS, IMPELLERS & MARINE FANS

For manufacturing, marine environments, or specialty equipment – Arcolec balance complex geometries to reduce vibration and prolong service life.

ON-SITE OR IN-WORKSHOP

Whether you need emergency service or scheduled maintenance, our Sydney-based team delivers:

- Precision digital vibration analysis
- Balancing reports
- Fast turnaround
- Emergency response



Arcolec



SOULTIONS FOR HARSH ENVIRONMENTS

We've built our reputation by listening to our clients high demands and the harsh conditions of the mining industry. We deliver fast, compliant, and durable electrical and mechanical support for critical equipment such as motors, pumps, and gearboxes — reducing downtime and improving site safety and reliability.

BUILT FOR TOUGH ENVIRONMENTS

Motor Overhauls & Rewinds

Comprehensive repairs and rewinds for high-voltage and low-voltage motors used in mining operations.

Pump Servicing & Overhauls

Reliable repairs, replacements, and performance upgrades for slurry, dewatering, and process pumps.

Gearbox Rebuilds & Maintenance

Precision servicing to extend the life of critical gear drives and minimise unexpected failures.

Custom-Built Hazardous Area Switchboards

Engineered for use in explosive environments, compliant with all relevant Australian standards.

Thermal Imaging & Compliance Testing

Early fault detection and certification to maintain safety, reduce fire risk, and support operational continuity.

Breakdown & Emergency Support

On-call support for urgent repairs to get your equipment back online and avoid costly delays.



RELIABLE. COMPLIANT. INDUSTRY FOCUSED

Our deep industry knowledge ensures we meet the strict hygiene, safety, and uptime standards required by the food, beverage, and pharmaceutical sectors. We deliver responsive, compliant solutions across every stage of production—keeping your operations efficient, supported, and audit-ready.

OUR SERVICES INCLUDE:

Electric Motor Repairs & Rewinds

Servicing motors used in conveyors, mixers, fillers, and packaging systems – essential for continuous, hygienic production.

Pump & Gearbox Maintenance

Ensuring reliable operation of CIP, transfer, dosing, and washdown systems critical to hygiene and process control.

Servo Motor Diagnostics & Repairs

Precision repairs of servo motors used in high-speed, automated filling, capping, and labelling equipment.

Fan & Blower Repairs

Supporting air movement and ventilation in production and cleanroom areas, vital for temperature and air quality control.

Control Panel & Automation Support

Integration, fault-finding and upgrades for automated lines to maximise throughput and maintain process consistency.

Vibration Analysis & Condition Monitoring

Proactive maintenance to detect early signs of wear on rotating equipment – reducing the risk of costly, unscheduled shutdowns.

Spare Parts Sourcing & Supply

Fast access to critical components, minimising downtime during breakdowns or maintenance.

Emergency & Preventative Support

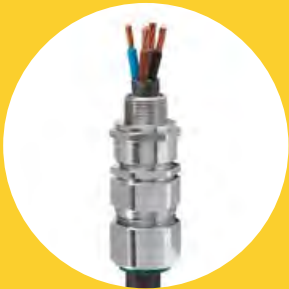
Around-the-clock availability with service plans designed to suit production schedules and minimise disruption.

WHY PARTNER WITH ARCOLEC?

Fast, compliant, and reliable — our services are tailored to meet the demands of the food, beverage, and pharmaceutical industries. We keep your operations running safely and efficiently, with minimal downtime and maximum support.

HAZARDOUS AREA PRODUCTS

SPECIALIST SUPPLIERS OF ELECTRICAL EQUIPMENT FOR HAZARDOUS AREAS



**EX ATMOSPHERE
CABLE GLAND**



**FLAME & EXPLOSION
PROOF CABLE GLAND**



**INTRINSICALLY
SAFE CABLE**



VSD CABLE



**EXPLOSION PROOF
PUSH BUTTON SWITCH**



**ROCKER SWITCH
EXPLOSION PROOF**



HAZARDOUS LIGHTING



LED LIGHTING

WHAT WE OFFER

- Ex-Rated Equipment Supply
- Zone 1 & 2 Installation
- Compliance Inspections & Maintenance
- Hazardous Area Fault Finding
- AS/NZS 60079 Documentation



**THE SUPPLY OF HAZARDOUS LOCATION ELECTRICAL EQUIPMENT IS
A SPECIALISED LINE REQUIRING CARE AND DEDICATION TO DETAIL.**



PUMPING POWER FOR THE AVIATION INDUSTRY



KEEPING GROUND OPERATIONS RUNNING SMOOTHLY

In the aviation industry, timing, safety, and reliability are non-negotiable. From airport infrastructure and ground equipment to hangar operations, we deliver fast, dependable support to keep operations running smoothly.

WHAT WE OFFER

PUMPS & MOTORS FOR GROUND EQUIPMENT

Reliable supply and servicing for refuelling, wash-down, and workshop equipment.

ELECTRICAL AND MECHANICAL REPAIRS

Quick response for breakdowns and maintenance across airside and landside operations.

PREVENTATIVE MAINTENANCE

Tailored service schedules to reduce downtime and ensure compliance.

24/7 EMERGENCY SUPPORT

Ready when you need us most – we understand the cost of delays.

WHY AVIATION CLIENTS CHOOSE US

- Fast and flexible service
- Industry experience and reliability
- Strong focus on safety & compliance
- End-to-end support — from supply to repairs



OPERATIONAL STRENGTHS



Specialist in electric motor rewind and repair services



Strategically located in Sydney's Eastern Suburbs for rapid marine and metro access



With a foundation of trusted expertise and the resources of a national service and supply network



Rapid turnaround times for critical ship and building services



Trusted partner for marine, industrial, and commercial maintenance sectors



Workshop equipped for high-voltage, low-voltage, and hazardous area repairs



Experienced trades team with deep knowledge in marine and industrial systems



Proven capability in supporting ship supply and port-based contractors



Commitment to WHSE standards and service quality excellence

MANAGEMENT PLAN

Arcolec are dedicated to understanding our customer's needs and delivering a quality service that meets their expectations and contract specifications.

Arcolec will always comply with relevant legislative requirements and industry codes.

Our Company embraces best practice to ensure a quality service while operating in a safe workplace with minimal impact on the environment. Specific company objectives and targets are planned and regularly reviewed.



Management is dedicated to the philosophy of continual improvement. To support this philosophy Arcolec has developed and implemented a SHEQ Management Manual addressing workplace safety environmental and quality issues.

The SHEQ Management Manual is embraced by management and employees alike. Induction training of new employees ensures they are trained in the System as they join the Company.

All employees are responsible for the quality of their own work but are supported by Supervisors and documented procedures, where required. Management fully endorses this Quality Policy and the SHEQ Management Manual that has been implemented.

Arcolec is committed to all safety regulations, environmental control and quality of works delivered.

Each project undertaken by our company is subjected to the following plans before any works begin:

***Quality Management Plan *Environmental Management Plan *WHS Management Plan**

PROJECTS

DEFENCE EXPERIENCE



HMAS Manoora
HMAS Kanimbla
HMAS Tobruk
HMAS Success
HMAS Melbourne
HMAS Choules



CRUISE LINER EXPERIENCE

Sydney
WATER

TSS Fairstar
TSS Fair Princes
MV Norwegian Star
MV Seabourn Sun
MV Pacific Star
MV Sun Princess
MV Pacific Jewel

MAJOR ROAD TUNNEL, NSW - JET FAN & TUNNELLING EXPERTISE

- Jet fan installation, servicing & commissioning
- Tunnel ventilation fault finding & repairs
- Electrical fit-outs for tunnel projects
- Custom control panels & switchboards
- 24/7 breakdown & maintenance support



MOTOR REWIND

SYDNEY HARBOUR - MARINE GENERATOR REWIND

- Emergency rewind of failed marine generator
- Rapid turnaround under time-critical conditions
- On-site removal, testing, and reinstallation
- Full electrical compliance and certification
- Delivered with minimal vessel downtime



MAJOR CLIENTS





Electric Motor Repair & Rewind | Ship Supplier | Industrial Services

WHY PARTNER WITH ARCOLEC



TRUSTED ACROSS INDUSTRIES

PROVEN PERFORMANCE IN
MARINE, INDUSTRIAL, MINING,
AGRICULTURE, AND
INFRASTRUCTURE SECTORS.



RESPONSIVE & RELIABLE

24/7 SUPPORT & FAST
TURNAROUND TIMES TO KEEP
OPERATIONS MOVING.



QUALITY WITHOUT COMPROMISE

SAFE, COMPLIANT & DEPENDABLE
SERVICE TAILORED TO INDUSTRY'S
NEEDS.



END TO END SERVICE

ELECTRICAL & MECHANICAL
REPAIRS, CUSTOM BUILDS,
COMPLIANCE TESTING
— ALL IN ONE PLACE.