



Scope of Services

Our philosophy is Design, Construct, Integrate and Maintain.

HVAC & Electrical Services

- We design and construct new systems, and re-furbish existing systems for Commercial and Civic Buildings, Medical Facilities, Data Centres, H.V. Switch rooms, Accommodation camps, and Infrastructure facilities.
- General HVAC contractors for the mining, construction, infrastructure, health, government & hospitality sectors.
- General electrical contractors for the mining, construction, infrastructure, health, government & hospitality sectors.
- Maintenance and optimization of all brands including A.P.A.C, Sigma, Fujitsu and Toshiba, Innotech and Schneider electric.
- Chilled water systems including process cooling equipment and computer room air-conditioning.
- AS.3666 Compliance and Qualitative risk assessments in accordance with 3666.4
- Service and maintenance of Champion, Boreas, Frigomatic and Donaldson air-dryers.
- Service and Maintenance of all amenity refrigeration equipment including icemakers, upright fridges, cool rooms. Zip and Billi under bench heat/cool units.
- Service and maintenance of air-conditioning systems for vehicles, mobile plant and aircraft.
- Cooling tower and evaporative cooler servicing and water quality testing.
- Electrical automation and detection systems.
- Remote monitoring and desktop support via BACnet or 3G network.
- Electrical thermography and switchboard maintenance.
- Appliance testing and tagging with electronic data capture.

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Indoor Air Quality

- Fresh air systems for buildings with room air conditioners
- Hydroflush sanitation of room air conditioners.
- Indoor air quality testing and sampling in accordance with ISO16814
- Robotic duct cleaning services and Aeris Guard treatment.
- Robotic polymer insulation remediation.
- Ultra Violet and advanced hydrated photocatalytic oxidation or air purification.
- Compliance tracking and audit scheduling via our proprietary Airconnect Database.

Energy Conservation

- Energy audits of HVAC and general electrical equipment.
- Duct leakage assessments and sealing for AS4254 compliance.
- Control system upgrades to allow fresh air harvesting in cooler winter months.
- Retro commissioning and performance upgrades to reduce energy costs.

Fire Services

- Fire and Smoke damper certification
- Enclosure Integrity testing for air tightness of buildings and gaseous fire suppression.

Hire Services

- A range of packaged systems up to 90 Kilowatt and personal air conditioners
- 200 KW Actron Hercules packaged unit for mineshaft cooling.
- Installation through Airconlease opex procurement program

Ventilation and Extraction

- Carpark exhaust installation, servicing and duct cleaning.
- Carpark Carbon Monoxide monitoring.
- Tunnel Ventilation installation, servicing and duct cleaning
- Ventilation airflow measurement and certification to AS 1668.



- Toilet and dryer exhaust installation, servicing and duct cleaning
- Kitchen exhaust and make-up air installation, servicing and duct cleaning
- Lab Exhausts and fume hoods installation, servicing and duct cleaning