



CHESS
ELECTRICS



CAPABILITY STATEMENT



“

Chess Electrics has an exemplary reputation when it comes to safety, their experience, quality end-to-end project management, and their ability to adapt and respond to our requirements.



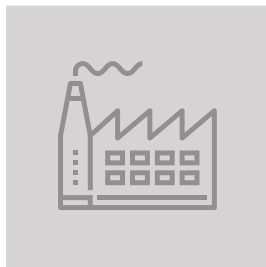
Experience, reliability and a commitment to quality

Chess Electrics specialises in electrical services, maintenance, labour hire, installations and major projects for clients throughout Queensland. We work with low, medium and high voltage in all sectors – mining, industrial and commercial – providing highly skilled and experienced tradespeople to ensure that our jobs are always completed to the highest standard. We are a responsive company with a proven ability to adapt and respond

to our clients' requirements whether it be large-scale, end-to-end project management or specific contracting/installation jobs. Whatever the scale of the project, we remain committed to quality outcomes and client satisfaction. Our clients know that our qualified, experienced staff will make every effort to do a job properly and this, we believe, is one of the reasons we have grown to be one of the largest electrical contractors in the region.



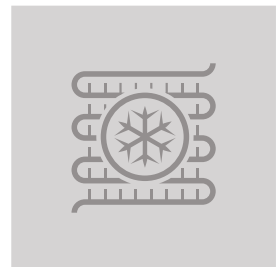
MINING



INDUSTRIAL



COMMERCIAL



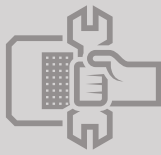
REFRIGERATION

A wide range
of skills and
capabilities



ELECTRICAL PROJECTS & INSTALLATIONS

- Project Management
- Mining Installations
- Industrial Installations
- Commercial Installations
- High Voltage Installations
- Hazardous Area Installations
- Instrumentation
- Electrical Engineering



ELECTRICAL MAINTENANCE

- Hazardous Area Auditing
- Preventative Maintenance
- Shutdowns and Major Overhauls
- Breakdowns and Diagnostics
- Statutory and Compliance Testing



LABOUR HIRE

- Electrical Engineering Managers
- Project Managers
- Electrical Supervisors
- Electricians
- Maintenance Planners
- Electrical Engineers



Refrigeration & Air Conditioning (HVAC)

- Mining Machinery
- Fixed Plant
- Industrial Installations
- Commercial Installations
- Cabin Pressurisation
- Air Quality Management [Dust Management]
- Maintenance and Servicing

Accredited, certified, licensed for clients' peace of mind



Taking Health & Safety and the environment seriously

Chess Electrics has a dynamic Safety, Health, and Environment Management System that includes daily 'toolbox talks', regular safety meetings and monthly audits to ensure that our workplace remains accident-free and best practices are implemented at all times. In addition to being fully inducted

and certified, our staff must adhere to our nationally accredited workplace Health & Safety and Environment policies and code of conduct. We also take our environmental responsibility seriously – actively striving to minimise our footprint wherever possible.



Certification means independent verification - Quality, Health, Safety and Environmental

Chess Electrics is certified by Compass Assurance Services which means that our systems [quality, health and safety] have been independently verified. The scope of the certification covers electrical installations, electrical

maintenance, high voltage electrical services, electrical commissioning/audits and inspections, the installation and servicing of air conditioning and refrigeration, and associated works for the private and public sectors.



Quality Management
ISO9001:2015



Environmental
Management Systems
ISO14001:2015



Health and Safety
AS/NZS 4801:2001



Health and Safety
ISO45001:2018

Fully licensed for all the work we do

When it comes to electrical contracting, labour hire and handling refrigerants [required for refrigeration and air-conditioning work], Chess Electrics holds all the relevant licenses. These licenses underline our company's legitimacy while providing our clients with peace of mind.



Refrigeration Trading
Certification (AU27185)



LHL - 03854-B2V4P



Queensland
Government

Electrical Contractors
License No. 73429

SOME OF OUR RECENT PROJECTS



BHP GOONYELLA RIVERSIDE MINE ROM 1 Substation 6 replacement

Engaged as principal contractor to complete the upgrade of the substation and manage the entire installation.

The work included:

- Project management, site supervision and administration
- Civil works
- Installation of new switchroom, 11kV high voltage transformer, new main feeder cables, new drive motors, cable tray, plus tie in of new cabling to existing equipment
- Testing and commissioning of installation
- Compilation of MDR for client



ANGLO AMERICAN MORANBAH NORTH MINE Coal preparation plant vibration analysis and, low and medium voltage power supply

Installation of the electrical supply to the vibration analysis units across the entire operation.

The work included:

- Installation of vibration analysis units across the site
- Supply and installation of new distribution boards [incl. fabrication of bracketing and mounts, cable trays and cabling]
- Tie in of new distribution board feeder cables
- Testing and commissioning of installation
- Compilation of MDR for client



SOMERSET INTERNATIONAL FINE COAL RECOVERY PLANT Installation of centrifuge and floatation areas

The work included:

- Installation of 2 new LV switchrooms, cable trays and supports
- Installation of main incomer cabling from new transformer to main centrifuge MCC and feeder cables to floatation switchroom MCC
- Installation of new distribution boards, local control stations and marshalling panels, power control and instrument cabling, compressors, pumps, drive motors, electric valves, field instruments, LED lighting
- Testing and commissioning of installation
- Compilation of MDR for client



ANGLO AMERICAN MORANBAH NORTH MINE
Construction and installation of new HV transformer to feed new fines plant

The work included:

- Project management, supervision and site administration
- Civil works
- Installation of earth grid and construction of blast wall
- Installation of new HV supply cable and transformer [incl. HV terminations at substation and transformer]
- Testing and commissioning of installation
- Compilation of MDR for client



ANGLO AMERICAN MORANBAH NORTH MINE
ROM stockpile lighting

- Supply and installation of ROM lighting conduits and cabling
- Installation of nine 30m lighting towers and new LED floodlights
- Installation of new LV transformer to supply lighting towers



GREGORY MINE
Dragline air-conditioning overhaul

- Overhaul of dragline air-conditioning units [removed and overhauled at Chess Electrics workshop]
- Installation of new braided lines, HP/LP controllers and pressuriser fan



BHP GOONYELLA RIVERSIDE MINE
MCC 3 Replacement

- Removal of old and installation of new MCC
- Replacement of cable trays and fabrication of new bus bar tabs to terminate existing cabling
- Installation of new mains cabling from transformer to MCC [incl. new field power cables]



BARALABA COAL
Whole site maintenance contract

- Provided electrical engineering manager, supervisor, all electricians for mine start-up, and labour to build site CHPP
- Maintenance of all site equipment, buildings, workshops and water supply infrastructure
- Maintenance and breakdown repairs to site CHPP and Komatsu 830 electric trucks

WHY OUR CLIENTS COME BACK TO US

✔ Innovative

Providing innovative solutions that require fresh thinking and flexibility. Generating cost reductions for customers while reaching our goal of zero harm.

✔ Reliable

Delivering projects through quality end to end project management and execution.

✔ Safe

In the workplace and the environment we are committed to our goal of Zero Harm.



OFFICES

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LICENSES

ABN: 78 150 016 943

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Arktick Licence: AU27185

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