



**CHANDIE**  
ELECTRICAL ENGINEERS



SPECIALISTS IN BACKUP SYSTEMS AND AUTOMATION

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A photograph of two men in a workshop. The man on the left is wearing a dark blue polo shirt, blue jeans, a white bucket hat, and a green face mask. The man on the right is wearing a light-colored button-down shirt with a logo on the sleeve and glasses. They are both looking down at a piece of equipment or a screen. The background shows a workshop environment with a blue wall and some equipment.

## Statement of Confidentiality & Non-Disclosure

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## Introduction

Chandie Electrical Engineers (Pty) Ltd is a Company duly registered in Botswana under laws and related procedures. The Company was registered on the 15th of June 2012.

Chandie Electrical Engineers (Pty) Ltd is an electric engineering company with competitive prices and services in the country.

We are proficient in the execution of either our services or projects. Our field of experience cover all types of Electrical Engineering services and projects as diverse as installations, designs, back-up systems, repairs, fittings and maintenance.

Our project management knowledge ensures that installations and projects are undertaken to programme and within budget, and equally important with a co-operative attitude. We intend to make working with Chandie Electrical Engineers (Pty) Ltd as easy as possible. This can only be achieved with good communication and understanding, and the correct use of service and project management tools: Reporting, Progress Evaluation, and an imaginative flexible approach to solving problems.





## At Chandie Electrical Engineers (Pty) Ltd we:

- Aim to supply a high quality and versatile service to all our clients, delivering the best value at all times
- Make continuous improvements to our services and delivery capacity - a prime factor in our continual success
- Operate an open and honest relationship with all of our clients and this includes joint decisions making processes, agreed objectives and anticipated goals



## Vision Statement

Our vision is to become the leading electrical engineering company in the industry across Africa and the entire world and be recognized as the top professional and quality service provider in Electrical Engineering.

## Mission Statement

To offer quality Electrical Engineering services in a positive closely controlled, well-managed & professional manner.

## Our Values

- Safety – we care about people and their protection
- Reliability – we have integrity
- Responsiveness – we listen to what you say.

We are:

Loyal – proactive and dependable  
Swift – flexible and smart  
Measured – we make carefully balanced decisions.

## Our Principles

- Honesty: To always be truthful, open and candid
- Integrity: To do what we say, live up to the highest standard of fairness and ethical behaviour
- Philosophy: We seek new opportunities to learn, to improve, to teach and to add value
- Passion: We love what we do, we lead by example





We pride ourselves in providing **EXCEPTIONAL SERVICE DELIVERY**



## Our Services

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### Hazardous Areas & Explosive Atmospheres

Chandie Electrical Engineers (Pty) Ltd has trained and experienced electricians that are certified to work in Hazardous Areas and Explosive Atmospheres such as Mines and Drilling Rigs

Hazardous area services include;

- Installation
  - Repairs and maintenance
  - Inspection, testing and reporting
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### Design and Consultation

Full design packages including engineering and drafting for specific products such as switchboards and starters up to complete new vessel electrical systems and refits. Design & Consultation services include;

- Complete design packages
  - New building electrical system design (AC and DC)
  - Refit electrical design
  - Switchboard, starter and control panel design
  - Alarm and monitoring system design
  - Generator control system design
  - Electrical power generation, protection and distribution design
  - Electrical drafting service
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### Installation

Our wide-ranging experience with a vast array of applications allows us to provide attention to detail while ensuring the best possible quality and system reliability. Installation services include;

- Cable supply, installation and termination
- Complete electrical system install
- Electrical power generation, protection and distribution installations
- Air conditioning/refrigeration electrical system
- Control system installations

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## Maintenance & Repair

Chandie Electrical Engineers (Pty) Ltd has been providing emergency and scheduled maintenance and repair services to a vast collection of clients. Maintenance and repair services include;

- Electrical power generation, protection and distribution maintenance and repair
- Rotating machinery repair (generator, alternator, electric motor, fan)
- Rewinds (transformer, generator/alternator, electric motor)
- Electrical services
- Generator/Alternator control system service and inspections
- Emergency response repairs (e.g. fire damage repairs)

Our unique ability to provide these services in a different and professional manner makes us a valuable partner in electrical engineering business. We supply Amorphous-type Transformers ranging from 50kVA - 2.5MVA up to 33kV. In a transformer the no load loss is dominated by the core loss. With an amorphous core, the iron losses can be 70-80% lower than with traditional silicon core thus the operating temperature and efficiency is lower. Environmentally, this reduction in losses will contribute to an annual reduction of about 5.4 tons of Co2 emissions. This is equivalent to the annual Co2 absorption of up to 390 cedar trees.





# Electrical And Electronics



At Chandie Electrical, providing our electrical and electronics team with the right tools has been the big part of our **successful** strategy.

Providing our electrical and electronics team with the right tools has been the big part of our successful strategy. With the outstanding product quality installations and services and our powerful sales services, Chandie has gained massive reputation for high quality installations and quick response twenty-four hours service.

At Chandie, strategic, long-term business mapping or enterprise mapping is more than just measurement and analysis. With our expertise in the Electrical and Electronics department, our clients have been helped to analyze their present and perform for their future business opportunities. These include electronics and electrical troubleshooting, systems analysis, repairs and installations.

## Electrical/Mechanical Engineering Services

The company is capable of carrying out maintenance and general repair works on the following technical engineering works.

- Maintenance / repair and rehabilitation of switchgears equipment.
- Installation and maintenance of motor control centre
- Cable jointing.
- Sub-station construction
- Rehabilitation of underground traction locomotives.
- Rehabilitation / repair of starter panels gearboxes for underground ventilation fans
- Maintenance / repair of crushers; conveyors and vibrators.
- Installation of motor protection relays
- Domestic and industrial wiring
- Installation / maintenance and repair of domestic submersible pumps







## Strength

- We provide highly skilled personnel in all our jobs
- The fact that the government is still hustling to supply a consistent flow of electricity, we stand to offer solutions and services rapidly.
- We are experienced in installation, management of large and medium size electrical projects.
- We have extended knowledge for providing a comprehensive service in electrical engineering field.
- We are a young, dynamic and committed electrical engineering company.
- We have flexibility and mobility to attend to projects nationwide.

## Opportunities

- The market is very vast due to looming electricity shortage.
- Our nature of business creates a wide client base.

# Company Management Structure

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## Management Plan

The Managing Director, Mr Mutsambiri is the overseer of all activities.





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## Experience

We did the following projects as Chandie Electric Engineers (Pty) Ltd

1. Currently carrying out an installation in Lothlakane West clinic (Botswana)
2. Supply of submersible pumps to ZESCO (Zambia)
3. Installations for Flo-tek Piping Lobatse
4. Maintenance for WPH equipment and many more
5. Installation and maintenance for Afriscent (Pty) Limited (Filling stations)
6. Cool ice t/a Browallia – Installation and maintenance of ice making machines



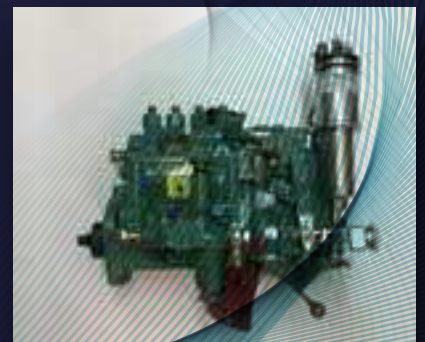
## Quality Assurance

Chandie Electrical Engineers (Pty) Ltd have developed and implemented a quality management system to ensure quality is never compromised in any of our deliveries.

At Chandie Electrical Engineers (Pty) Ltd, we never compromise quality for price. Our quality assurance certification ensures our clients get exactly what they want. We have a simple philosophy of getting the job done on time and on budget, while still providing quality of service.

### Guarantees and deliverables

- Chandie Electrical Engineers (Pty) Ltd shall offer the following guarantees:
- All deliveries, in case of emergencies are made on time, 20 minutes upon communication depending on area.
- We provide high standards of safety in our work environment. We adhere to all health and safety precautions subscribed by Botswana laws.
- We operate business within the confines of Botswana laws and process the accrument of permits where and when necessary.
- We respect copyrights, patents and trade mark laws.
- We respect labor laws in relation to our employees.





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