



Afrielectrical
Consulting | Construction

Company Profile

www.afrilectrical.co.za



Introduction

Afrilectrical, a consulting engineering firm located in Pietermaritzburg, KwaZulu Natal, specialises in delivering professional services to clients from diverse sectors. With a team of extensively trained experts and a wealth of industry knowledge gained over the years, we strive to provide exceptional solutions.

The company is fully owned by black individuals and is recognised as a Level 1 BBBEE contributor.

Afrilectrical Consulting Engineers is a new company with only 8 years of existence, its key personnel have significant experience working on various complex projects.

M i s s i o n

Our mission is to offer inventive and lasting solutions in the Electrical, Mechanical & Civil and Construction Industry. Through our consulting service, we strive to establish enduring partnerships by comprehending our clients' objectives, providing insightful guidance, and executing projects with the utmost professionalism.

V i s i o n

Our vision is to pioneer the Electrical, Mechanical & Civil and Construction Industry by delivering innovative and sustainable solutions, forging enduring partnerships through understanding clients' goals, offering guidance, and executing projects with professionalism and excellence.

V a l u e s

Quality | Safety | Integrity | Collaboration | Sustainability | Innovation |

Client focus | Professionalism | Community engagement



Business Expertise



PROJECT MANAGEMENT

We implement efficient project management methodologies to ensure timely completion, budget control, and effective resource allocation.



QUALITY AND EXCELLENCE

We strive for excellence in every project undertaken by delivering high-quality results.



INNOVATION

We embrace innovation and constantly seek ways to improve processes, techniques, and technologies.



CLIENT SATISFACTION

We prioritise client satisfaction by understanding their needs, requirements, and expectations.



SAFETY AND SUSTAINABILITY

We promote a culture of safety by adopting and ensuring the well-being of employees, contractors, and stakeholders.



EXPERTISE AND KNOWLEDGE:

We develop and maintain a team of skilled professionals with expertise in consulting, electrical and construction.



OUR SERVICES



ELECTRICAL
CONSULTING



CIVIL & STRUCTURAL
ENGINEERING



TOWN & REGIONAL
PLANNING



MECHANICAL
ENGINEERING



SECURITY DESIGN SYSTEM
& INSTALLATION



ELECTRICAL CONSULTING

- Conceptual engineering designs & business case
- Basic engineering designs (Feasibility, Preliminary & Detail Designs)
- Turnkey project solutions (Design, Construct & Execute)
- Investigations and energy audit studies
- Revenue protection and Electricity & Water Meter Audit
- Electrical Network analysis and Maintenance plans
- Engineering Services Procurement
- Project and Construction management
- Low, Medium and High Voltage reticulation designs (OHL and underground)
- Rural electrification projects designs and Project Management
- Energy Audit, assessments and efficiency
- Residential, community and general buildings designs and maintenance.
- Industrial and commercial developments planning and design.
- Alternative energy sources (UPS, Generator and Solar Panel System)
- High mast lights and Street lighting
- Substation Planning, Designs, Refurbishment and Maintenance.

- Business plan development and sourcing of funding
- Project Management and construction monitoring

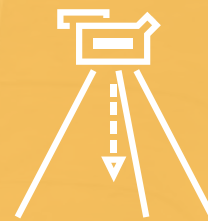
Electrical Installation & Construction:

- Electrical services refer to any type of work or service related to the
- Turnkey HV/MV/LV Overhead lines and underground cable projects solutions
- Switching Station Designs and Substation upgrade
- Turnkey electrification project solutions
- Electrical installation
- Electrical preventative maintenance
- Fault-finding investigations and analysis
- Testing and commissioning of MV and LV Electrical equipment.
- Certificates of compliance (CoC's)
- Fire Detection System



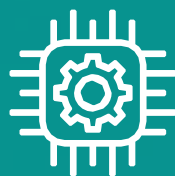
CIVIL & STRUCTURAL ENGINEERING

- Roads Transportation Engineering
- Water and Waste-water Bulk Services
- Construction Project Management
- Structural engineering



TOWN & REGIONAL PLANNING

- Spatial Development Framework
- Land use schemes
- Rezoning
- Integrated Development Plan
- Sector Plans



SECURITY DESIGN SYSTEM & INSTALLATION

- NVR (Network Video Recorder)
- IP Cameras with IR dome
- Outdoor IP camera
- Boom gate for both exit and entrance lanes control
- Access control locks for rooms with the software and enrolment station, Audio visual systems
- Intruder alarm for storage areas
- Fire suppression No facial recognition



MECHANICAL ENGINEERING

- Fire suppression No facial recognition
- Heat, Air- Conditioning and Ventilation (HVAC)
- Fire and Security Designs and Installation.
- Steel fabrication.
- Railway risks assessments and incidents reports



Accreditation Certification

We obtain the relevant certifications and accreditations to demonstrate credibility, professionalism, and adherence to industry standards.



Engineering Council
of South Africa



South African Institute of
Electrical Engineers



South African Council
of Planners



South African Council
of Architectural Profession

CONTACT US:

We are ready to assist you. Contact us today to discuss your project requirements and explore how we can add value to your project.

www.afrilectrical.co.za

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