



# CORPORATE PROFILE



# ABOUT ABOUT THE THE COMPANY COMPANY

**Amalgamated Engineering Solutions (PTY) Ltd.** is the company owned by Basotho, registered and based in Lesotho and founded in 2008. It is an engineering company undertaking engineering consultancy and construction, Maintenance management, systems designs, projects, Engineering and technology Management and industrial supplies. Our target industries are all mechanized industries supported by engineering, Building Services, Water industry, Production industry and Power industry.

It is our professional observation that in many industries recently, the role of the engineering discipline is misunderstood, and hence is being treated as an unnecessary cost center, as a non-value adding department, and as a dispensable skill, much to the detriment of companies that hold such views. The role of engineering is often left to individuals who do not have the requisite competence and aptitude. This scenario inevitably creates a real demand in the market, within the country and in the region, for professional engineering services, to 'clean up the mess' and to provide real, sustainable support to productivity.

## 1. OUR VISION

To be the most reliable and preferred solution provider for all technology & engineering needs countrywide and regionally

## 2. OUR MISSION

It is our mission to help our clients to improve the quality of their infrastructure, equipment and human comfort related to engineering projects and innovations. In this way, we enhance production, quality, and the joy of life.

## 3. OUR VALUES

In Amalgamated Engineering Solutions (PTY) Ltd.

- We don't compromise quality & standards
- We value your support
- Our customer is our future
- Innovation is a basis of our continuous improvement
- We strive for professional integrity

## 4. CUSTOMER FOCUS

Our customers are as diverse as our knowledge and stem from a wide range of industries that include Electrical Engineering, Mechanical Engineering, Industrial Engineering, Water Engineering as well as individual consumer goods and Safety Equipment.

We help them solve a long list of engineering problems from water services, power systems dynamics, industrial needs, process control, safety etc. We assist our customers to operate profitably through our good product quality, speedy and reliable service at the reasonable cost.

Customer feedback is all-important to us – so by listening to, and working closely with our customers we respond to their needs in time.



## 5. SUPPORT

As share-subscribing owners and members of AES we have passion for engineering innovations, solutions, practical perspective to life and application of appropriate technologies. Our commitment to you also includes on-site services, customer specific, on-site training based on your particular application, and access to our help line where all your queries are dealt with. We stock and supply our customers with essential material, equipment and spares necessary for your application. We offer you a reasonable service and maintenance contracts for various equipment.

One of our most valuable assets is the knowledge and expertise provided by our engineers and technicians. This allows us to offer a customer support philosophy that mirrors our total solution service strategy with development and support function to cover every link in the support chain. We understand that ours is not just a solution provider but a service business. Our commitment does not end when you buy a service from us. We value your custom and feedback and feel responsible for keeping you up-to-date and up and running!

## 6. OUR BACKGROUND

We have varied background and experience gathered from years of practical operation, process control, project management, maintenance, planning and management of engineering infrastructure in a number of industries such as automotive industry, water industry, agricultural industry, electrical industry, building services and manufacturing industry.

### 7.1 EXECUTIVE DIRECTORS



Name : Moremi Sojane  
Position : Managing Director  
Qualification : Technology Management  
Institution : University of Pretoria  
Qualification : B-Tech Mechanical Engineering  
Institution : Central University of Technology  
Qualification : Dip Mechanical Engineering  
Institution : Lerotholi Polytechnic

**Professional Registration** : South African Institute of Mechanical Engineers SAIMEchE

#### **Work Experience**

Employer : Lesotho Brewing Company  
Position : Brewing & Utilities Engineer, Engineering Manager

Employer : Lerotholi Polytechnic  
Position : Lecturer

Employer : Ministry of Agriculture (Lesotho)  
Position : Irrigation Engineer

Employer : WASA (Water and Sewerage Authority)  
Position : Mechanical Maintenance Technician

#### **Skills**

- Project management
- Utilities & Energy Management
- Asset Management (Maintenance Management)
- Integrated Quality Management System (IQMS)
- Knowledge and implementation of world class manufacturing standards.
- Plant for process improvement.
- Systems Design
- Mechanical Engineering design & Manufacturing Engineering
- Computer aided drawing (CAD).
- SHEQ

## **Training**

- Maintenance management software (COSWIN).
- Process control and automation.
- Process engineering.
- Asset management.
- Utilities management.
- PLC –Telemachanique TSX Macro
- Integrated performance management system
- Competence Acquisition Process (CAP)
- Crisis management



Name : Senatla Senatla  
Position : Operations Engineer  
Qualification : B-Tech Engineering: Electrical (Power Engineering)  
Specialization : Power Engineering  
Institution : Tshwane University of Technology

**Professional Registration** : Subject to Engineering Council of South Africa (ECSA) & South African Institute of Electrical Engineers (SAIEE)

## **Work Experience**

Employer : Dyelec Lesotho (PTY) LTD  
Position : Design Technician

Employer : Lesotho Brewing Company  
Position : Trainee Engineer

Employer : K R Consultants (PTY) LTD  
Position : Operations Engineer

## **Skills**

- MV & LV distribution line design,
- 132/33kV Substation Construction,
- Buildings Electrical Reticulation and Services design,
- Artificial road lighting,
- 11kV Switching station design,
- Energy Management.
- Reliability Centered Maintenance Strategies
- Supervisory Skills,
- Power System Modeling & Power Factor Correction
- Project Management

## **Specialized Softwares**

- (Power System Modeling Softwares: Power World)
- Power Electronics Modeling Software: Simplorer)
- DIgSilent Power Factory

## **Training:**

- Computer Aided Design: Microstation 95, J & v8; AutoCAD,
- Computer Aided Reticulation for Townships (CART)
- Electrical Fault analysis: Investigate the causes of voltage deviations and its effect on auxiliaries of generators, industrial loads and the stability of electrical power systems.
- Cisco Certified Networking Associate (CCNA)
- EATON Electric VAR UPS System

## 7.2 NON-EXECUTIVE DIRECTORS



Name : Motooane Thinyane  
Specialization : Project Management, Systems Design, Engineering Management  
Qualification : Engineering Management  
Institution : University of Pretoria  
Qualification : B Eng. (Hons) Mechanical Engineering  
Institution : University of Loughborough

**Professional Registration** : SAIMEchE, ECSA

### Work Experience

Employer : Let'seng Diamond Mine  
  
Employer : Lesotho Highlands Development Authority  
  
Employer : Lesotho Brewing Company  
  
Employer : WASCO

### Skills

- System Designs,
- Project Management,
- Process Management.
- Computer aided drawing (CAD),
- Engineering Management. Etc

## OUR KEY CLIENTS

Lesotho Post Bank



Metropolitan Lesotho



American Peace Corps



Alliance Insurance



Revenue Services Lesotho



Shoprite USave Supermarkets



South African Embassy,



SOUTH AFRICAN EMBASSY

First National Bank



Central Bank of Lesotho,



## 8.PRODUCTS & SERVICE

### Water Systems



### Reverse Osmosis Water Purification Systems

The system use state of the art technology to produce clean water for drinking, cooking and other household uses. These compact under-the-counter systems are complete with pre filters and post filters and come with a 3 gallon (14Ltr) storage tank and installation kit, We also do office and commercial Reverse Osmosis Purification System. Low Maintenance, Hassle Free and Compact.

### Systems Design & Installation



We design & Build control panels for All Industrial Purposes.



UPS Supply, Installation & maintenance.

### Energy Supplies

Solar System for any application  
Supply & maintenance



All Generators & Transformers,  
Manufacturing, Supply & maintenance



# RELATED PROJECTS.

We design, supply, install and provide maintenance for various electromechanical engineering projects

## SOME KEY PROJECTS INCLUDE

PROJECT	APPROXIMATE ANNUAL CONTRACT VALUE	SCOPE INCLUDES	OUTPUT
Ministry of Communications	M 985'000.00	Monthly Maintenance & repair of Generators & UPSs for All LNBS transmission stations country wide up to 2 x 500kVA Sets.	
LRA UPS Systems	700 000.00	Supply of UPSs Up to 80kVA N+1 Parallel redundancy	
Royal Palace	1.6m	Supply & Install 150 & 500kVA Generators at Royal Palace	

PROJECT	APPROXIMATE ANNUAL CONTRACT VALUE	SCOPE INCLUDES	OUTPUT
Lesotho Revenue Authority / Dyelec Lesotho Building Services	M1.3m	Installation, and commissioning of LV Switchgear, LV Cables, Artificial Road Lighting, Luminaires, Air-conditioning and small power equipment	
Naledi Municipality	M1.6m	Rehabilitation of A, B, KANANA, & KS Pump Stations	
Ministry of Finance & Development Planning.	M2.3m	Supply & Installation of 9x30kVA generator sets with contracts including LV Reticulation.	
Lesotho Post Bank	M600'000.00	Installation of 80kVA 2x40kW Parallel Modular UPS System	

PROJECT	APPROXIMATE ANNUAL CONTRACT VALUE	SCOPE INCLUDES	OUTPUT
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Maseru Mall Checkers

M3m

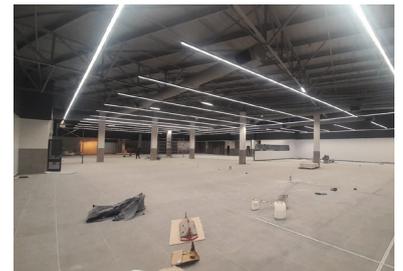
Electrical works



Maseru Mall Clicks

M2m

Electrical works



## Industrial Supplies

We supply our customers with specialized industrial equipment such as pumps for all applications, hydraulic equipment, pneumatic equipment, electric motors for various applications, and a lot of specialized electromechanical equipment for industrial application.

## Engineering Management

Our diverse background allows us to help the local industry with management in various engineering sectors. We provide Energy Management, Utilities Management, Maintenance Management, Quality management, etc. in order to help improve profitability of our customers and contributing to the lowering of carbon footprint to save the mother earth.

## 9.OUR CONTACTS

**Main Office:** Near Wilies Clinic, Main North 1, Khubetsoana, , Maseru, Lesotho.

**Tel/ Fax:** + 266 22334516

**Mobile:** + 266 63006777 & +266 57499052

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P.O. Box 0430, Maseru West 105,

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