

**MASIBE**

Engineering

Your partner in  
ENGINEERING & CONSTRUCTION

# COMPANY PROFILE

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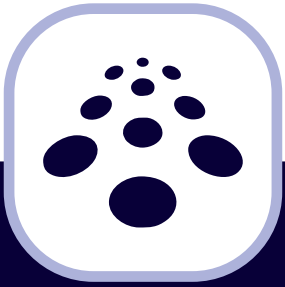
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**MASIBE ENGINEERING –**

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# ABOUT US

Founded in early 2015, **Masibe Engineering** delivers world-class quality products and services in the mechanical engineering industry. We serve various sectors, including energy, mining, manufacturing, petrochemical, food processing, and sugar industries, catering to both private and public enterprises.

## Our Services:

- Engineering and mining supplies.
- Machining and mechanical fitting.
- Fabrication and welding.
- Pressure parts and boiler maintenance.
- Equipment hire and rigging services.
- Tube installation and expansion (boilers, heat exchangers, air heaters, economizers, tube banks).
- Parts & Maintenance (Plants, Feeders, Conveyors, Crushers, Screens).
- Civils & Building Construction.

At **Masibe Engineering**, we prioritize quality, reliability, and innovation, ensuring tailored engineering solutions for our clients.



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# ABOUT US

To achieve its main objective, the organization recognizes the importance of maintaining a competitive edge in this ever-evolving, technology-driven market. Our corporate philosophy is centered on **simplifying, optimizing, and standardizing** all business practices by implementing sound company procedures, business policies, and processes.

We adhere to the **ISO 9000 series** for all our documentation and processes, ensuring consistency and quality across operations. Additionally, for all welding-related work, we comply with ISO 3834 Part 2 and are actively working towards obtaining certification in the near future.

**Masibe Engineering** passionately embraces technology to enhance business efficiency. The following are the core software solutions we have adopted:

- For design, mechanical drawings, 2D and 3D layouts, we utilize the latest revisions of **AutoCAD 3D** and **SOLIDWORKS**.
- For structural steel, plate work, modelling, design, and steel detailing, we rely on **Tekla Structures**.
- Our team includes personnel with advanced **Microsoft Excel** skills, ensuring data-driven decision-making.
- We use **Microsoft Project** for developing and managing Gantt charts to streamline project planning.

## OUR COMMITMENT

With our extensive industry background, we understand the dynamic nature of the sector. We are committed to delivering world-class quality products and services, responding swiftly to emergencies by reserving critical engineering spares and stock items for our trusted and long-term clients.



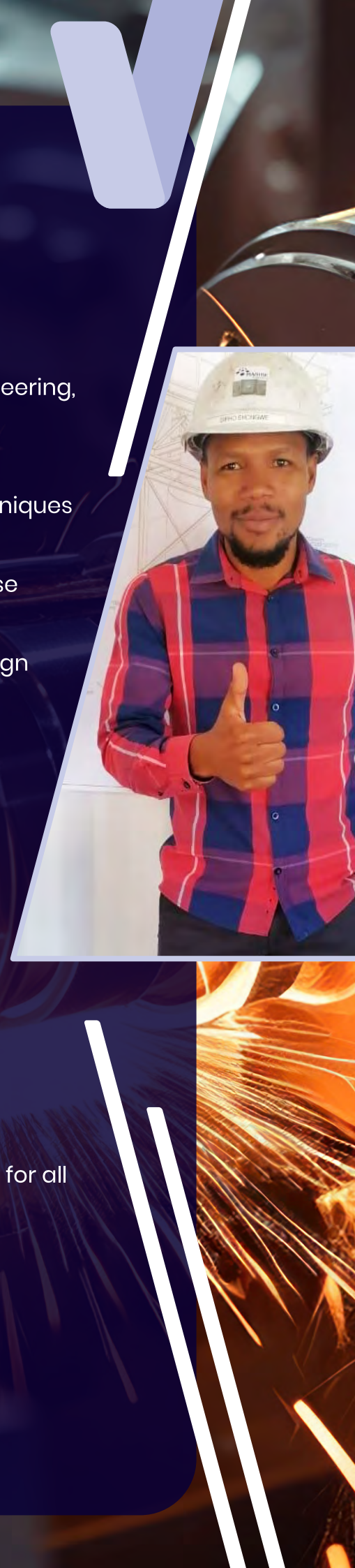
# THE DIRECTOR –

## MR SIPHO SHONGWE

**Mr Sipho Shongwe**, the Managing Director of Masibe Engineering, has extensive experience in:

- **Welding & Fabrication** – Expertise in various welding techniques and metal fabrication processes.
- **Mechanical Design & Drawings** – Skilled in creating precise technical drawings and blueprints.
- **System Administration** – Managing engineering and design software systems efficiently.
- **Multidisciplinary 3D Software** – Proficient in 3D modelling, designing, and detailing across various engineering disciplines.
- **Engineering Cost Estimation** – Accurately calculating costs for projects, construction, and supply chain management.
- **Project Management** – Leading and overseeing engineering and construction projects to successful completion.

With his wealth of experience and the company's proven achievements, **Masibe Engineering** is your trusted partner for all engineering and construction projects.





# PROJECTS

## MASIBE ENGINEERING

**Masibe Engineering** has successfully executed a wide range of engineering and construction projects, including:

1. Boiler Bank Retubing – Boiler 5 at UCL.
2. Air Heater Installation – RCL Pongola, KwaZulu-Natal.
3. Drum Feeder Installation – Three drum feeders on Boiler 2 at Amatikulu Hulett Sugar, KwaZulu-Natal.
4. Molasses Pipeline Installation – 350m pipeline at UCL.
5. Economizer Installation – Boiler 5 and Boiler 6 at UCL.
6. Super-Heater Installation – John Thomson 80-ton boiler.
7. General Off-Crop Maintenance – Various maintenance work in sugar factories.
8. Hydraulic System Maintenance – Kendal Power Station.
9. Coal Bunker Maintenance – Kendal Power Station.
10. Steel Platform & Walkway Design & Detailing – Kriel Power Station.

With a strong track record of delivering high-quality engineering solutions, **Masibe Engineering** remains a trusted partner in the industry.



# ORGANOGRAM

**MANAGING DIRECTOR**

**OPERATIONS MANAGER**

**ADMINISTRATOR AND  
MARKETING**

**FINANCIAL ADMINISTRATOR  
AND HR**

**CONSTRUCTION MANAGER**

**SITE SUPERVISOR**

**SHEQ DEPARTMENT**

**THE A-TEAM**

Boilermakers  
Welders  
Riggers  
Pipe Fitters  
Mechanical Fitters  
Tube Expanders  
Fire Watchers  
General Assistants

Quality Controllers (QC)  
Fire Fighters  
SHE officers & SHE Reps

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# OUR MISSION & VISION

## Our Mission

- To deliver world class quality products and services into the Engineering Industry.
- To create new and sustain long-term mutual partnerships with our clients.
- To develop a distinctive, matured organisation through a culture of continuous improvement.
- To expand our client base multi-sectoral, multi-provincially, continentally and internationally.



## Our Vision

- To empower through proper skills development and training.
- To stimulate youth through passion, hard work and results into unlocking their full potential.



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# OUR PRODUCTS

## Machining & Supplies of:

- Threaded Rods, Spindle Rods & Studs
- Shafts, Bushes, Pins, Sleeves & Seals
- Idlers, Rollers & Pulleys
- Flanges, Nozzles, Pipes & Wear Plates
- Lock Rings, Lock Nuts & Circlips
- Coupling, Gears & Plummer Blocks
- Mill Liners, Liner Bolts & Grinding Balls
- Bolts, Nuts, Washers & Screws (\*Incl. Special Types)
- Shim Stocks (\*Incl. Pre-Cuts)
- Pipes Fittings
- Sprockets & Chains(\*Incl. Scraper Type)
- Tube Leak Detectors



# OUR PRODUCTS

## Fabrication & Construction:

- Structural Steel
- Civil and Building Construction
- Mechanical Components
- Plate Work (Including Stainless Steel)
- Pipe Work (Low - High Pressure, Flanged & Welded)



Specialised Welding



Piping



General Fabrication



# OUR PRODUCTS

Engineering Services:

**Cleanout Conveyor Maintenance**



**General  
Plant  
Maintenance**



**Maintenance of Conveyors and Feeders  
(Buffalo Feeders, Reclaim Feeders)**



**Refurbishment & Repairs  
of various Components**



**On Site Work**



**Boiler Maintenance**




# OUR CLIENTS




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