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Phenyo Engineering Africa

CONTACT US:

+27 87 265 7649 

sales@phenyoengafrika.co.za 

www.phenyoengafrika.co.za 

+27 76 290 8182 / +27 76 483 7779 



9001:2015



45001:2018



14001:2015

BACKGROUND

Phenyo Engineering Africa is a 100% black-owned company that supplies industrial equipment and manufactures engineering pump spares. The company also offers a wide range of engineering and property development solutions tailored to diverse client needs. Established in 2019 by a team of competent Engineering Technologists with extensive experience in engineering, manufacturing, sales, and marketing, the company has since expanded its services through joint ventures with various companies to foster growth and meet evolving client requirements. In addition to engineering equipment and spares, Phenyo Engineering Africa has broadened its scope to include:

- Building and Construction
- Building Plans and Design
- Property Maintenance, Renovations, Upgrades, and Expansions
- Property Development and Management
- Building and Project Management
- Plumbing and Paving
- Comprehensive services across all facets of Property Development

We cater to projects of all scales, ranging from new buildings and townhouses to single and double-storey homes, flats, and apartment blocks. Our integrated services ensure end-to-end delivery—from concept to completion—with a strong emphasis on quality, compliance, and client satisfaction.

Our success lies in the deep industry knowledge we've accumulated over the years, and our commitment to understanding and fulfilling client needs across both engineering and property sectors.



CORPORATE PHILOSOPHY

VISION

To be a major player in the supply of engineering equipment and spares throughout the African continent — while also leading in building and construction, property development and management, and turnkey solutions from design to completion of residential and commercial projects.

MISSION

To supply equipment, and spares to the industrial markets both in private and public sectors throughout the African continent and beyond, at a better competitive price and superior quality.

VALUES

- Commitment towards just - in - time delivery and customer satisfaction
- Cost - effective pricing
- Professionalism, partnership and co - operation with clients, suppliers and stakeholders

Management policy

To take up the challenges of innovation and to respond to market needs as diversified and multi - faceted company.

Quality Management System

We are in a drafting process to acquire a quality management system that complies with ISO 9001: 2015 system including: document control procedure, control of records procedure, control of non - conforming product/service, corrective action procedures, preventative action procedures, internal Audits, and other internal processes as well as continues improvement policies.

OUR BUSINESS

Pump Spares Manufacturing

Our company source & supply and manufactures pump spare parts that are suitable for world known pump brands. The pump types include end - suction, horizontal split case, horizontal multistage, vertical turbine and propeller pumps.

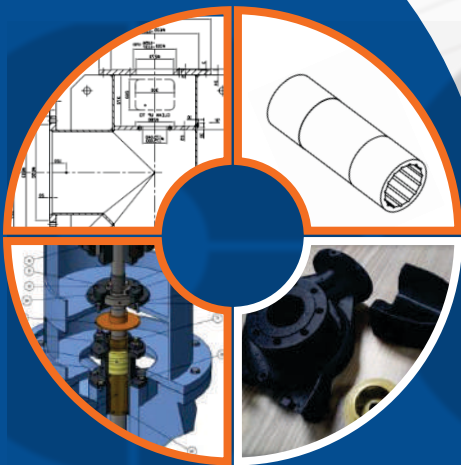
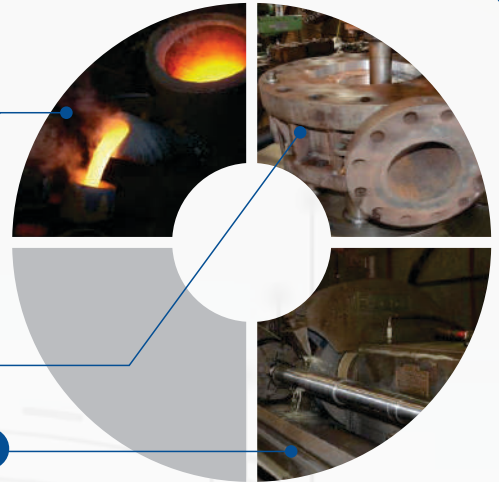
ALL PARTS ARE MANUFACTURED IN ACCORDANCE TO LATEST INDUSTRY STANDARDS AND MATERIAL SPECIFICATIONS INCLUDING:

- ✓ Cast iron ✓ Mild steel ✓ Bronze Lg2 ✓ Stainless steel
 - ✓ Monel ✓ Nitrile rubber ✓ Graphite ✓ Teflon ✓ Vesconit
- and also as per client request depending on the application.

CASTINGS FOUNDRY

PUMP CASING MACHINING

SHAFT MACHINING



Cad Drawings

Pump Spares Prototype - 3D Printed

OUR MANUFACTURING BUSINESS MODEL AND SUPPLY MANAGEMENT

We have sub - contracted all our manufacturing activities including foundry which enables us to develop high quality, price competitive and timeous supply of all our casting requirements and needs.

We have also outsourced the machining and fabrication operations (Milling, drilling, turning, grinding, coating, and inspection) by extensively working and creating partnerships with reputable machine shops.

Research and Development

We have implemented a 3D AutoCAD computer design programme, simulation and 3D printing which enables us to take a product from concept to completion.

OUR MANUFACTURED PUMP SPARES INCLUDES A WIDE RANGE OF:

- Casings and covers
- Impellers, wear rings and lantern rings
- Shaft, keys, nuts and sleeves
- Bearing housings and covers
- Gland follower
- Bearing bushes
- Taper sleeves
- Fabricated columns, motor stools, discharge heads for vertical turbine and propeller pumps
- Motor and pump couplings, coupling pins, thrust assemblies and gearboxes for vertical turbine pumps.



Bronze Bush



Bearing housing



Propeller column



Tuffcot - bushes



Rubber bushes



Thrust Assembly



Lantern & wear ring



S/S & EN8 shafts



Bronze impeller



Bronze bushes



S/S shaft sleeve



Pump coupling



Bronze shaft sleeve



Fabdischarge head



S/S Taper Sleeve



S/S gland & lock nuts



Motor coupling



Bronze bushes



**M/S Fab
pump Column**



C/Iron pump casing

Sourcing, Supply and Delivery

Over and above manufacturing of comprehensive pump spares, we supply associated components:

Bearings

- Bearings for all types of machinery and bearings for all pump types.

White metal bearings

- Thrust pads, Journals and Sleeves for CW pumps at Eskom power stations (Kriel, Duvha, Hendrina, Matla, Lethabo, Camden, Arnot, Kendal and Komati)

Gland packing

- for all types of machinery and pumps

Mechanical sealing

- Mechanical seals, O-rings, V-rings and Gaskets for all types of machinery and for all pump types and liquids
 - ✓ Cir-clips ✓ Bolts & Nuts ✓ Grub and Set screws
 - ✓ coupling pins ✓ Pumps ✓ Valves ✓ pipes and fittings
 - ✓ Electric motors ✓ Cables ✓ Controls and Sensors



Coupling rubbers



Coupling-pins



Spiral wound Gaskets



Oil-seal



Bearings



Bolts and Studs



Nuts



Shims



Mechanical seal



Cir-clips



V-rings/Dust seal



Gaskets



Trust springs



O-rings



Gland-pack



Ratchet pin



Gear pumps



Submersible pumps



Horizontal split case pumps



Multistage pumps

ENGINEERING PROCUREMENT AND EXPEDITING MANAGEMENT FOR LOCAL AND EXPORTS MARKETS

We offer a full range of procurement planning process including, issuing of enquiries and RFOs on behalf of the client, assisting with technical and commercial adjudication, and producing procurement packages (**technical & engineering data, and specifications**) on the basis on which the client can place the order.

Once purchase orders have been placed we take control of the contract management processes, quality control and assurance (**material certificates, data books, inspection reports**).

Our expediting service includes detailed preventative checks designed to pre-empt potential delays. Our process includes:

- Order verification
- Review of production schedules and specifications
- Validation of packaging and shipping details
- We monitor production by performing routine order status check by contacting and visiting manufactures and suppliers at a pre - set interval and making our clients aware of any delays or revisions and inform clients on overview of progress.
- We organise transportation (Road, Rail, Air and Sea) for the delivery of goods and also monitor the dispatch of goods.
- Our service ensures that contract order requirements, designs and specifications, and delivery dates are met.

MECHANICAL EQUIPMENT AND MATERIAL SELECTION CONSULTING

We provide consulting services for the proper sizing and selection, friction loss calculations of mechanical equipment and relevant materials based on the type of application. We conduct proper mathematical calculations, computer simulation and modelling in order to find the correct solution for:

- Pumps
- Valves, pipes and fittings
- Electric motors and controls, instrumentation and measurement
- Bearings, Mechanical seals, gaskets and O-rings
- Couplings, belts and drive chains

INDUSTRIES WE SERVE



POWER
GENERATION



MINING



INDUSTRIAL



WATER AND
WASTE WATER



PETROLEUM

USERS

Some of the organisations and end-users that utilize the products that we manufacture, source and supply are:



Our Building & Property Development Services

Phenyo Engineering Africa offers a comprehensive range of services that cover every aspect of building, construction, and property development. Our goal is to provide complete turnkey solutions — from planning and design to execution and long-term management.

Core Services

Building & Construction

Complete construction services for diverse structures, ensuring quality and compliance.

Building Plans & Design

Custom architectural planning from concept to municipal approval.

Maintenance

Routine and on-demand maintenance to protect and extend property value.

Renovations, Upgrades & Expansions

Enhancing and transforming spaces — from minor updates to full-scale overhauls.

Property Solutions

Property Development & Management

From planning to completion and ongoing management of developed properties.

Building Management

Facility oversight to ensure efficiency, maintenance, and tenant satisfaction.

Project Management

Full project execution with strict control over time, cost, and quality.

Specialized Services

Plumbing & Paving

Infrastructure essentials done professionally — from water systems and drainage to custom paving solutions for roads, walkways, and more.

All-Inclusive Property Development

We deliver everything required for successful property development — whether it's from the ground up or part of an ongoing upgrade.

Project Types

We work across a variety of project types, including but not limited to:

- Commercial and Residential Developments
- New Building Developments, Town Houses
- Single and Double Storey Houses
- Flats and Apartment Complexes

No matter the scale, our team is equipped to deliver high-quality, sustainable, and client-focused results.

