



**NEW TEAM ENGINEERING**

**COMPANY PROFILE**



**NEW TEAM ENGINEERING**

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**NEW TEAM ENGINEERING**

# COMPANY OVERVIEW

## ● ABOUT US

New Team Engineering was established in Secunda, South Africa in 2020 by members with ample experience in the engineering and maintenance in power stations. New Team Engineering is a multi-disciplined Engineering and Construction company and is a specialized engineering company that caters for a wide range of clients across a variety of industries on the African continent. We have cultivated an excellent reputation as a company servicing the oil and gas, mining, marine, paper and pulp, power generation and water treatment sectors across Africa with reliability and professionalism.

As a diversified steel fabricator with almost two decades of operation and over 50 years of combined experience among senior management, we are specialized in the fabrication and installation of high pressure piping, storage tanks, pressure vessels, structural steel, plate fabrication and mechanical installations.

Working from a fully-fledged fabrication facility in Gauteng, we set ourselves apart from our competitors in the manner in which we conduct business, ensuring that our clients' custom specifications and requirements are prioritised, and that the final product is of the utmost quality.

We are ISO 9001 certified, demonstrating our ability to consistently provide services that meet customer and regulatory requirements to the highest standards. We are a member of the South African Oil & Gas Alliance (SAOGA).

We are capable of meeting our clients' deadlines, and our capability to fabricate to stringent specifications is an asset to all of our partners and the clients we serve.

Our impeccable record of success is due to the excellent management of our facilities, resources and people. Our value is measured by our people, and we are incredibly proud of our experienced and highly qualified team members.

New Team Engineering has achieved a Level 1 B-BBEE rating as a 100% black woman-owned company, and is widely considered a reliable business with a focus on quality, excellent service delivery and customer satisfaction.



**"At New Team Engineering we do not only determine the value of our business, based on our infrastructure and financial status, but by the growth of our PEOPLE"**



**NEW TEAM ENGINEERING**

## BACKGROUND & DEVELOPMENT

New Team Engineering was established in Cape Town in 2020 as a general engineering concern. The business drew on the experience and knowledge of three diverse industries (Diamond Mining, Ship Building & General Engineering) to launch operations, with a legacy of many large scale industrial and commercial projects successfully completed between the three.

Beginning in the ship repair industry, the company soon expanded its fabrication capabilities and competencies to complete work for the mining industry in Namibia, before expanding further to support the oil and gas sector in West Africa through the servicing of rig support vessels in the area. We are proud to have been the first black empowerment company to build a vessel, the 120-ton pilot boat called The Tsitsikama, for Portnet.

New Team Engineering restructured and continued to grow its resources and capability, fabricating and installing piping, stainless steel vessels and structural steel for many sectors. We opened a fully-fledged fabrication facility in Gauteng.

The company's passion for service excellence and a hands-on approach to client requirements led to quick growth, and success soon followed. The trust that has been built via our excellent work has produced a steady flow of business, and as we continue to expand, we ensure that the client remains our priority.

### ● MISSION

Our Mission is to, Promote and Enhance Skills Development locally, whilst providing quality workmanship, that meets our Client's Standards.

### ● VISION

We strive to be the company of choice in Africa, for all projects in our chosen fields of expertise, ensuring that we exceed the expectations of all clients with every order or project.





**NEW TEAM ENGINEERING**

## CORE VALUES

- Professionalism and Service Excellence in our aim to completely satisfy the needs of our clients.
- Quality Workmanship and a Hands-On Approach in all work that is carried out
- Safety as a core element of how we conduct our work.
- Focus and Discipline in maintaining a high standard of work.
- Innovation as a key focus, allowing us to pursue excellence and success through state-of-the-art resources and the expertise to manage those resources.
- Respect and Integrity in all company dealings, both internally and externally.



## B-BBEE STATUS

Our company has achieved a level one B-BBEE status, which we are proud of. We fully support the B- BBEE Amendment Act, No 46 of 2013 and the B-BBEE Codes of Good Practice 2007 listed therein, and we ensure that our policies within the company reflect the same. Our B-BBEE Verification Certificate Is Available Upon Request.





**NEW TEAM ENGINEERING**

## NEW TEAM ENGINEERING SERVICES

At New Team Engineering we are specialized in the fabrication of high pressure piping and Structural Fabrication and Installation storage, tanks, pressure vessels and structural steel.

Our success across multiple industries over the last two decades is testament to our ability to complete world-class steel fabrication work with experience and expertise, contributing positively to countless companies and numerous sectors across the African continent.

We are determined to add value and generate a return on investment while matching our services to the budget and expectations of our clients.

New Team Engineering has acquired more than 20 different weld procedures, ranging from fluxcor-welding for plate fabrication, to procedures for the austenitic range of materials (316L / 316H / 316 Ti). Other welding procedures include P91 & P22 (Boiler Tubing).

### **Our Core Services include:**

- Pipe Fabrications & Installation
- Platework and Structural Steel Fabrication & Installation
- Accredited Fabricators of Tanks & Pressure Vessels.
- Instrumentation Tubing
- Scaffolding
- Sand Blasting and Painting

### **Piping and Pressure Vessel Core Competencies**

Fabrication & Installation of Piping (Carbon Steel / Stainless / Duplex)  
Instrumentation tubing/boiler tubing (P91 & P22), carbon & stainless steel  
- All diameters (6mm-700mm)/HDPE  
ASME weld procedures for carbon & stainless steels (Piping & plates)  
EA performs its own hydrostatic testing on completed Installations  
Modular assembly of plants & mechanical installations  
Maintenance of plants & installations  
Pressure vessel fabrication in accordance with ASME VIII  
Welding procedures qualified in accordance with ASME IX for carbon steel, austenitic stainless steels; P91 materials  
Storage tank fabrication in accordance with API 650  
Repair/reconstruction of tanks in accordance with API 653





**NEW TEAM ENGINEERING**

## NEW TEAM ENGINEERING SERVICES

### Pipe Shop Capacity

- 3000m<sup>2</sup> Open floor area
- Lifting capacity: 2 x Overhead cranes (2x10t)
- 10 Fully-equipped welding and fabrication bays
- Separate stainless and carbon steel lay down and work areas



### Structural Steel Fabrication Core Competencies

- Fabrication of structural steel (Light, medium and heavy structures)
- Plate work including chutes, hoppers and bins (Mining Applications)
- Conveyor steelwork
- Welding procedures qualified in accordance with AWS D1.1
- Access structures and platforms
- Link bridges
- Pipe racks and supports

### Structural Steel Shop Capacity

- 2200m<sup>2</sup> Open floor area
- Lifting capacity: 2 x Overhead cranes (1x5t & 1x10t)
- 15 Fully-equipped welding and fabrication bays
- Separate stainless and carbon steel lay down and work areas
- 3000m<sup>2</sup> yard area for trial assemblies

ISO 9001  
Quality  
SAIW 3834 part 2

ISO 14001  
Environmental  
Management

ISO 45001  
Health and Safety  
Management



**NEW TEAM ENGINEERING**

# COMPANY POLICY

Our Company Policy is based on the following Legislative Acts but not limited to:

Labour Relations  
Basic Conditions of Employment Act.  
Compensation for Occupational Injuries  
Disease Act.  
Employment Insurance Act.  
Occupational Health and Safety Act.

## QUALITY CONTROL

### ISO 9001: Compliance

The management of Engineering Africa is dedicated to implementing, documenting, and subsequently maintaining a quality management system throughout the company in accordance with the requirements of ISO 9001. Our quality management system confirms the quality and accuracy with which we complete each project.

Daily monitoring of quality is conducted by our in-house QC department and updates of work inspection sheets are done regularly. Each site has a designated QC monitor and strict controls are driven by senior management.

All outsourced or sub-contracted work, such as specialised painting or hot dip galvanising, is assessed prior to placement of order, before being outsourced to trusted companies in order to maintain quality control.

Further quality control assurances:

WPS and PQR's qualified in accordance with ASME IX (Piping and vessels)  
WPS and PQR's qualified in accordance with AWS D1.1 (Structural steelwork)  
Welders qualified in accordance ASME IX and AWS D1.1  
QMS currently being developed in accordance with ISO 9001 and ISO 3834  
Compilation of data books for piping, vessels and structural steel from commencement of work to final handover.  
Hydrostatic and pneumatic testing performed as per client requirements



We believe that  
Safety is a  
CULTURE.

Each and every employee  
is responsible for  
their safety and each of  
their colleagues.





**NEW TEAM ENGINEERING**

## HEALTH & SAFETY

New Team Engineering is committed to protecting the health and safety of our employees, contractors and clients while minimizing the impact that our activities have on the environment. We operate in compliance with all relevant environmental legislation and constantly strive to conduct all activities in an efficient and eco-friendly manner.

We do not measure our value by our infrastructure but by our people. Our employees are our most valuable asset, and we work to safeguard all employees, partners and clients from injury or damage to health as a result of the operations associated with our company.

We comply with all applicable South African laws and regulations pertaining to health and safety, implementing programs, training and controls for continuous improvement and maintenance of an effective safe working environment.

We continue to ensure the highest safety standards and awareness in pursuit of a world-class safety culture. Our occupational health and safety personnel work to ensure that hazards are professionally managed through the identification and control of risks on an ongoing basis.

### SAOGA MEMBERSHIP

The South African Oil & Gas Alliance (SAOGA) counts New Team Engineering amongst its registered members. The SAOGA is a group that promotes the upstream and midstream sectors of the oil and gas value chain, primarily in South Africa and regionally in Southern Africa. This association provides our work with further credibility in the oil and gas industry.



### INDUSTRIES SERVED

Our services are put to use within a number of important sectors throughout Africa. Our world-class service offering benefits the following industries, amongst others:

- Oil and Gas
- Mining
- Marine
- Paper and Pulp
- Power Generation
- Water treatment



**NEW TEAM ENGINEERING**

## COMPLETED PROJECTS

Through the years we have successfully catered for a growing number of companies within the private and public sectors. We are proud to have worked with many well-respected organisations in various industry segments.

**Here are some of our successfully completed projects:**

### **Piping and Pressure Vessels - Completed Projects**

- AREVA – Trekkopje Platinum Mine (Namibia) – Fabrication & Installation of Carbon & Stainless Piping, including Supports.
- Alstom SA – Partial Completion of WFGD Absorber at Kusile Power Station
- Mott MacDonald-PDNA (Kusile Power Station) – Fabrication, Installation & Commissioning of the Water Treatment Plant, and the Condensate Polishing Plant Units 1-4.
- SBM & Friedlander – Fabrication and installation of duplex piping, P91 on various oil rigs in Soyo and Lobito, Angola

### **Structural Steel / Platework - Completed Projects**

- De Beers (Namaqualand Mines) – Supply & Fabrication of Hoppers, Chutes & Tailings Underpan
- BCL Mines (Selebi Pikwe, Botswana) – Supply & Fabrication of Conveyors & Link Bridges
- Subcontracted to Consani Engineering – Fabrication of Pressure Vessels & Gasifiers
- Subcontracted to DCD Dorbyl – Fabrication of the Crawler for De Beers Marine (MV.Yatoivo)
- Mott MacDonald (Kusile Power Station) – Supply of Access Platforms, Pipe-Bridges and Bulk Storage Tanks for the Water Treatment Plant, Tank Farm and Condensate Polishing Plants





**NEW TEAM ENGINEERING**

## CONTACT DETAILS

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**New Team Engineering**

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Consult- Africa cc t/a New Team Engineering  
Pipe Fabrication and Installation, Pressure Vessels,  
Tanks, Platework and Structural Steel  
Established in 2020

[www.newteam.co.za](http://www.newteam.co.za)