



**NEW TEAM ENGINEERING
AND CONSTRUCTION PTY LTD**

Table of Contents

	Page
Corporate Information	2
Company Overview	3
Vision and Mission	3
B-BBEE	3
CIDB	3
SHEQ Management	4
Services Offered	4
Training	6
Clients	6
	6

NEW TEAM ENGINEERING AND CONSTRUCTION PTY Ltd.

Company reg No. 2020/ 728094/ 07

Company VAT No. 4090 2928 99

B-BBEE status Level 1

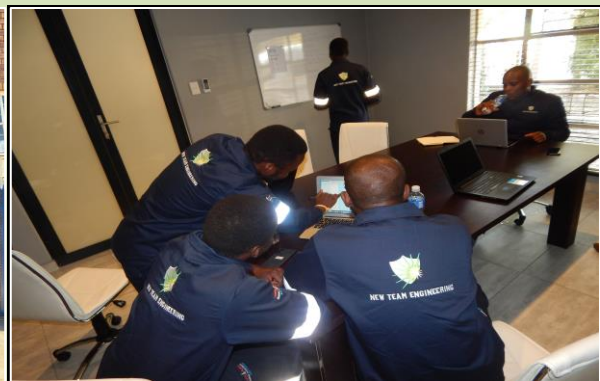
Contact
information
Secunda
1 Bunsen Street
Trichardt
Secunda
2302

Tel: 017 620 3930

E-mail info@newteam.co.za

Website www.newteam.co.za

Board of Directors	L T Mathe	Managing Director
	T Makhathini	Non-Executive Director
	T Ndlovu	Non-Executive Director (Chairman)
	J Stander	Technical Director
	S T Renier	Sales Executive





Overview

New Team Engineering and Construction (PTY) Ltd. is a multi-discipline engineering and construction company, that offers our clients a wide variety of piping, mechanical, civil, process, pipe and structural steel fabrication and installation services for the power generation industries.

Our head office is located in Secunda, Trichardt.

Our Vision

We firmly believe that large engineering construction projects contribute to the creation of a better world for present and future generations

Our Mission

We undertake daily to help build a better world, bring together functionality, and quality. We continuously seek ways to optimize the delivery cycle and finish our projects within budget and on time. Our achievement culture allows us to be the employer of choice for the most talented people.

B-BBEE

NTEC is a level 1 B-BBEE contributor with 100% black-owned shareholding.

We are committed to:

- The principles of B-BBEE
- Compliance with the Employment Equity Act
- Developing and supporting small enterprises
- Investing in skills development through our training programs

Our latest B-BBEE certificate is available on request.

NTEC has a 6ME grading with the Construction Industry Development Board's (CIDB's) Register of Contractors, making us eligible to work as a contractor on major public sector construction projects, such as Eskom projects.

NTEC CIDB number: 10252818

SHEQ Management

New Team Engineering and Construction PTY Ltd. is committed to quality, safety, health and environmental management by continually improving our SHEQ management systems and standards.

We are accredited and audited on the following:

NOSA – Safety, Health and Environment
★★★★★



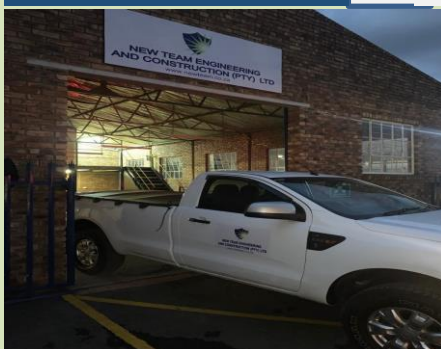
ISO 9001 Quality Management



ISO 3834 Fusion Welding of Metallic



ISO45001 – Safety Management





Services Offered

NTEC has three main business areas providing a range of services:

1. Engineering
2. Projects
3. Maintenance

Engineering

-Piping

- Detail Isometrics drawings (ISO's) and as-building of existing piping
- Flexibility and stress analysis
- Comply with SANS 347 requirements
- Live line repairs
- Process Piping; Power Piping; Overland Piping
- Re-rating of existing systems
- Metallic and Non-metallic design
- Generating of pipe line classes and projects specifications

-Mechanical

- Mechanical equipment data (spec) sheets
- Design and procurement of pressure (heat exchangers, columns, drums etc.) and rotating equipment
 - Technical Requirements
 - Technical Bid Evaluations
 - Technical (Design) Review
- Detail design of tanks (API 620, API 650, API 653)
- Quality Control during fabrication
- Design verifications
- Equipment re-ratings
- Fitness for service assessment (API 579)
- Failure / Root Cause Investigations & Recommended Repairs (NBIC)
- Finite Element Analysis (Linear, Non-Linear, Static, Dynamic and Thermal)

Process

Civil Structures

- Conceptual and basic design process (FEED) packages
- Development of flow diagrams
- Equipment sizing and rating
- Hydraulic modeling
- Energy and mass balances
- Process equipment data sheets
- Verification of existing designs
- HAZOP studies
- Functional safety
- New designs
- Layout and detail drawings
- Structural analysis (steel and concrete)
- Improvement / expansion studies
- Buildings and facilities
- Site surveying
- Structural inspections and remedial reports
- Works Information and BOQ's
- Quantity surveying
- Site assistance and QC during construction

1. Projects

Project Execution EPC / EPCm / Construction

- Management of complete project
- Planning, scheduling and expediting
- Estimating and cost control
- Engineering (all disciplines)
- Procurement of equipment and all project related materials
- Project/construction management
- QA/QC inspection services
- Piping fabrication and installation
- Specialised online welding
- Mechanical equipment installation
- Civil and structural construction
- Sandblasting and painting
- Commissioning assistance
- Shutdown, turnaround and G/O projects

2. Maintenance:

Welding & Fabrication

- Welding Maintenance to:
 - Pipelines
 - Vessels
 - Heat exchangers
 - Structures
- Replacement of zero rated pipelines
- Welding of carbon, stainless and exotic steels
- Tube to tube sheet welding
- Power brushing preparation for inspection

Mechanical

- General day-to-day mechanical maintenance
- G/O's
- Shutdowns / outages
- Mechanical plant maintenance
- Pressure testing



Training Centre

New Team Engineering and Construction PTY Ltd. in conjunction with relevant SETA ETQA bodies addressing national skills shortages in major engineering.

NTEC has invested substantial funding to ensure continued growth and development within our company and the community.

Accredited in-house safety training ensures NTEC workforce delivers safe and effective projects as governed by the OHS Act 85 of 1993.

Clients

