



Signature Engineering Solutions (PTY) Ltd is a Project Engineering firm that offers EPC services in mechanical, electrical, structural and civil engineering. The company was founded in 2016 in South Africa. The Company has established operations In KZN North Coast and the Cape West Coast, servicing the Pulp & Paper, Oil & Gas, Agri Processing and Energy Sectors.

The SES engineers and associates were recruited from consulting, construction, fabrication and production companies in the private and public sector. The Engineers have implemented major projects nationally and internationally.

VISION

To be the preferred provider of sustainable multi disciplinary Engineering solutions.

MISSION

To provide innovative and cost efficient Engineering solutions to our clients, from concept through to commissioning, that will grow our client's business, uplift the communities, develop our staff and create wealth.

VALUES

Professionalism	Our key staff members are all professionally registered Engineers ensuring the highest standard of work at all times.
Integrity	We are in it for the long haul with integrity at the core of everything we do.
Innovation and Creativity	Our highly skilled and experienced individuals work within integrated dynamic innovative and creative teams.
Partnerships & Commitment	We add value through partnerships with our clients, communities and network of alliances.

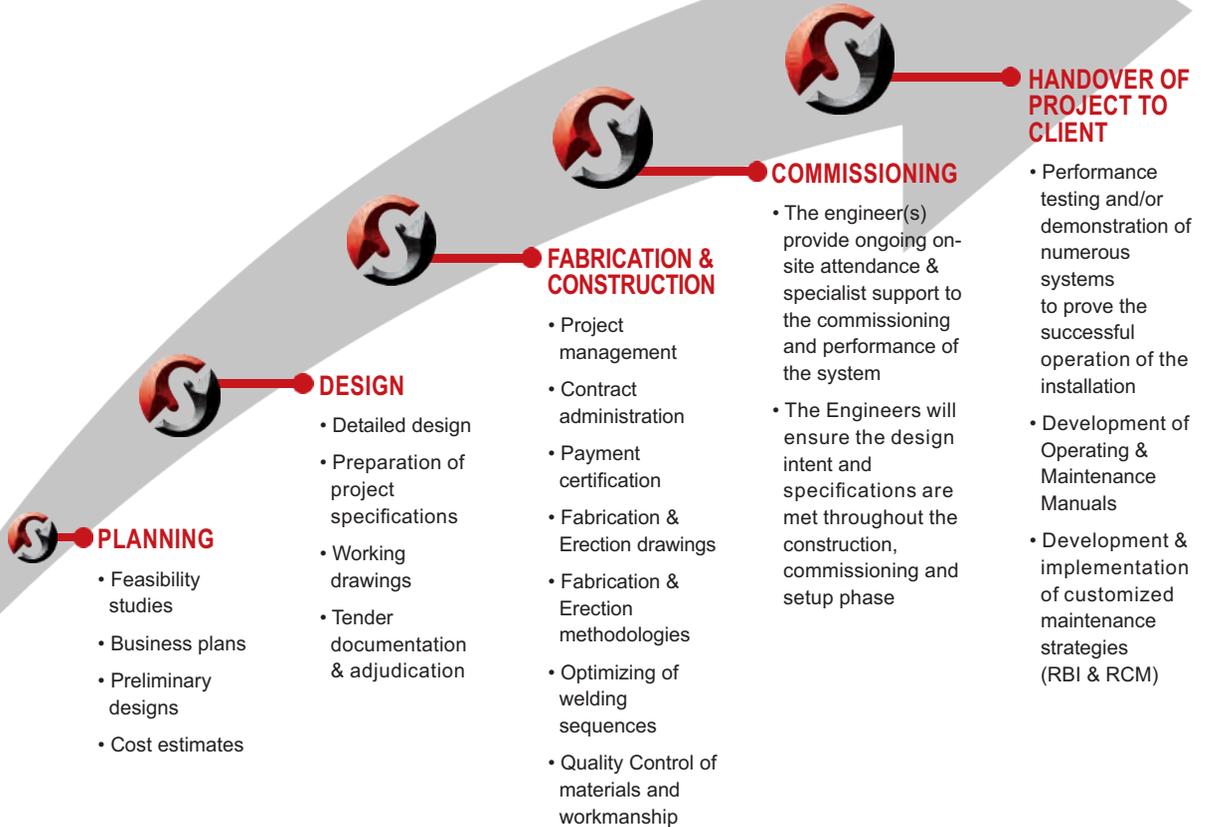
OUR VALUE PROPOSITION

Signature Engineering Solutions (PTY) Ltd was formed by a group of very experienced senior like-minded engineers. Our team's synergy and professionalism is the springboard that excels us to provide you with **Engineering Solutions**. We have three key strategies to create long-term value for our clients:

- To foster long term partnerships with clients in order to form a unique understanding of their requirements.
- To engage and leverage the strategic alliances with companies that complements our value adding bouquet.
- To create wealth through our **Engineering Solutions** for our clients, our alliance partners and ourselves.

LIST OF SERVICES

The capabilities within our discipline Engineering and Project Management divisions will take your project from conceptualization of an idea to commissioning and handover.



Our Signature is an Integrated Engineered Solution!

MECHANICAL ENGINEERING

Areas of expertise

- Hot and cold piping networks, piping systems and supports with Caesar II
- Bulk storage tanks
- Bulk material handling
- Pressure and processing vessels
 - Power generation ducting
 - Air compressors and compressed air systems
 - Lift hoists & beam and gantry crane installations
 - Materials handling systems
 - Technical investigations and condition assessments
 - FEED and feasibility studies
 - Project planning, procurement and controls



CIVIL & STRUCTURAL ENGINEERING



Our wealth of experience in structural analysis and design ensures versatility and efficiency in the use of steel and concrete. The team have designed and overseen the fabrication and erection of super heavy steel structures for Medupi and Kusile power stations, light and heavy industrial buildings, warehouses, workshop structures and commercial multi storey buildings.

Areas of expertise

- Super heavy steel structures
- Light and heavy industrial buildings
- Warehouses and workshop structures
- Commercial multi storey buildings
- Basic design of the structure and detail design of connections
- Provision of component fabrication drawings with associated NC files for use in automated fabrication lines

ELECTRICAL ENGINEERING



Areas of expertise

We provide engineered solutions for electrical power transmission and distribution substations, medium and low voltage reticulation network design and installation in residential buildings, office blocks, high rise buildings for mixed residential and commercial buildings, schools, primary health care facilities as well as light industrial units.



- Engineering, Procurement and Construction of transmission and distribution substations for Eskom and local Municipalities
- Electrical master planning designs for medium voltage and low voltage reticulation network in residential, commercial and industrial areas
- Township development reticulation network engineering for medium voltage (11kV) to low voltage (400V) network systems
- Street and area lighting, sports field lighting as well as high mast area lighting network
- EPC of DC Traction substation network
- Access and gate control, security management (CCTV and electric fence) and fire and smoke detection system design and management in residential, commercial and light industrial buildings

PROJECT MANAGEMENT



Our team is made up of experienced engineers bringing our large multi-national project experience to you. Our collective knowledge, maturity and professionalism drives our ability to consistently deliver multi-disciplinary projects on time and within budget, to the satisfaction of our clients.

CONSTRUCTION AND ASSET MANAGEMENT

Our engineers have grown up in the industry and are proficient in the operating and maintenance support of heavy industrial plant operations. Our extensive experience makes it possible for **Signature Engineering Solutions (PTY) Ltd** to assist you when things go wrong or when you need to take that step to the next level.

Areas of expertise

- Asset management strategy and planning
- Development and implementation of customized maintenance strategies (RBI & RCM)
- Development of operating and maintenance best practices
- Plant condition assessments to support renewal and capital projects
- Rehabilitation and replacement of corroded steel structures
- Modification of existing, and installation of new pipelines
- Specialised welding on boiler pressure parts (including composite tubes)
- ASME and EN welding procedures in place
- Rigging services
- Plate work (ducting, tanks, chutes etc.)
- Engineering design and scope development for shutdown procedures
- Boiler plant inspection
- Tank and conveyor refurbishment



CONTACT US

**KZN OFFICE
THE WORKSPACE BALLITO**

**WESTERN CAPE OFFICE
LAGOON PLACE, LANGEBAAN**

**NATIONAL CALL CENTER
+27 (0)10 900 3229
FAX +27 (0)86 551 8460**

Info@sigeng.co.za | www.sigeng.co.za

**MD: TIAAN VAN COPPENHAGEN
CELL +27 (0)82 876 7498**