

COMPANY PROFILE





INTRODUCTION

Rex Engineering Supplies (Pty) Ltd was established in 1983 to serve as a vital link between clients and fabricators within the metal industry. Since 1988, we have been involved in the pre-fabrication and fabrication of most grades and types of materials required for the building of bulk storage tanks in accordance with various national and international specification.

We are a general engineering workshop specializing in the high-quality fabrication of structural steel components such as plate work, piping, and custom assemblies.

Our team consists of skilled workers and management, such as red seal boilermakers, coded welders, level 2 welding inspector and a workshop manager with over 30 years of experience.

MISSION

To be the leading steel fabricator in our field. We are committed to delivering superior quality products and workmanship to our customers in a timeous manner. We focus on customer satisfaction and build an enduring partnership with our customers and suppliers based on trust, collaboration, and shared success.

VISION

To empower our greatest asset, our employees, by fostering excellence, continuous growth and skills development. Through our high-quality standards and customer satisfaction we will become the leading and most trusted fabricator

FACILITIES AND MAIN EQUIPMENT

Overhead Crane capacity:	Nigel – 2 x 50 Ton & 4 x 10 Ton Springs – 3 x 10 Ton & 1 x 5 Ton
Height under crane hook:	7m
Initial Pinch Roll:	1 Off 35mm Thick x 3m Wide 1 Off 20mm Thick x 3m Wide
Shotblast and Paint Bay	1100m ²
Compressor:	75 KW & 45 KW
Tank Rotators:	1 Set of 30 Ton 1 Set of 50 Ton
Transport:	1 x 14 Ton Truck 1 x Freightliner Horse with a triaxle trailer
Plasma cutting machines:	2 x Plasma Cutting Machines (14m x 3m)

<u>Description:</u>	<u>Piercing up to mm</u>	<u>From the edge up to mm</u>
HPR 260		
Mild Steel	38mm	50mm
Stainless Steel	32mm	40mm
HPR 400		
Mild Steel	50mm	70mm
Stainless Steel	45mm	60mm



Plate Roll Capacity: 25mm x 3m Wide



Plate Roll Capacity: 35mm x 3m wide



PRE FABRICATION ON TANKS INCLUDE:

Rex Engineering supplies and manufactures all components for bulk storage tanks to comply with various API and EN codes.

We offer Services and items such as cutting, beveling and rolling of plate material, fabrication of sumps, manways, nozzles, water spray systems, Catladders, spiral staircases, platforms, intertank bridges etc.

We also do in-house sandblasting and corrosion protection with qualified personnel and level 1 SAQCC Inspector.





At Rex Engineering we take pride in delivering high-quality welding solutions backed by experience and precision. Our team includes a Level 2 Welding Inspector with over 10 years of expertise, ensuring that every weld meets the highest industry standards.

We specialize in tank fabrication, structural, piping and vessels. Using advanced welding processes such as:

- SMAW (Shielded Metal Arc Welding)
- GTAW (Gas Tungsten Arc Welding)
- GMAW (Gas Metal Arc Welding)
- FCAW (Flux-Cored Arc Welding)

With an impressive portfolio of 55 Procedure Qualification Records (PQRs), we ensure strength, durability, and compliance with the most rigorous industry standards. We adhere to all certifications and compliance requirements, guaranteeing safety and reliability in every project.

We also handle a significant amount of work requiring Non-Destructive Testing (NDT), which we subcontract to trusted professionals to ensure the highest level of quality assurance.

Whether you need a custom-built tank, vessels, structural welding, or complex piping work, we have the expertise and industry knowledge to deliver superior results.



SEVERAL COMPLETED PRE FABRICATION CONTRACTS OF BULK STORAGE TANKS INCLUDE:

- 9 off tanks for Angola Oil and Petrochemical for Angola Refineries.
- 7 off MIBK tanks at Sasol for Murray and Roberts/Concor Eng.
- Benzene Double wall tank (Outer tank 22m dia 30m high and Inner tank 19m dia x 48m high) for Murray and Roberts.
- 2 off A1 Jet fuel tanks at OR Tambo International Airport for Trotech Eng.
- 4 off tanks at Island view storage for Trotech Eng.
- 6 Sasol Tanks for Group Five.
- 6 Tanks (Wax plant) for DB Thermal.
- Kumba Tanks for Trotech Eng.
- St Helena Tanks for Trotech.
- 1 off Tank for Pioneer Mechanicals for Namibia.
- 4 Walvisbay Tanks - 25m dia for Pioneer (Puma Tanks).
- 4 Shell Alrode Tanks - 25 dia for Group Five.
- 12m Dia Tanks for Trotech in Cape Town and Evander (FFS Tanks).
- Gantry Project – Group Five- Shell Alrode.
- 4 off 20m Dia Tanks for Efficient Trotech Bidvest – Richards Bay
- 7 off Caustic Soda Tank – Richardsbay.
- Shell Kroonstad – Tank stairways and walkways (Group Five).
- 32m Dia Tanks for Pioneer Engen – Watloo.
- 18 off 14m Dia BTT Tanks for Trotech Richards bay.
- 5 off 34m Dia Sasol Tanks for Trotech.
- 4 off 32m Dia Botswana Tanks for Trotech.
- 2 off 30m Dia BTT Tanks for Trotech.
- 6 off various Dia FFS Tanks for Trotech.
- 10 off various Dia Vopak tanks for Trotech (20m dia – 28m Dia)
- 2 off 12m Dia and 2 off 15m Dia Tanks for Lusaka

COMPLETE SHOP FABRICATION CONTRACTS INCLUDE:



Surge Bins for Madagascar (16m dia x 16m high) trial assembled in our workshop.

4 off Shop built tanks for Carbolar plant, Sasol secunda



Main Surface Fan Ducting (5.2m Dia x 12m long)

Sulphur Storage tank (3.8m dia x 12.3 m long)



Pump Tank for Indian Ocean Fertiliser project



Galvanized Conveyor Frames for Mines



Fiberglass Molds for Impala

Overhead Cranes



2 x Shop build Tanks for Shell

Bolted Tanks



Shop Build silo with support

Pipe work with 100% RT and
Pressure testing





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