



NEXOR
ENTERPRISES

Company Profile

Nexor Enterprises (Pty) Ltd

The Experience you need. The Results you want.

*Over 60 years
managerial experience*

*Industry Leading
Steam Generation,
Engineering and
Fabrication Services*



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The Experience you need. The Results you want. —



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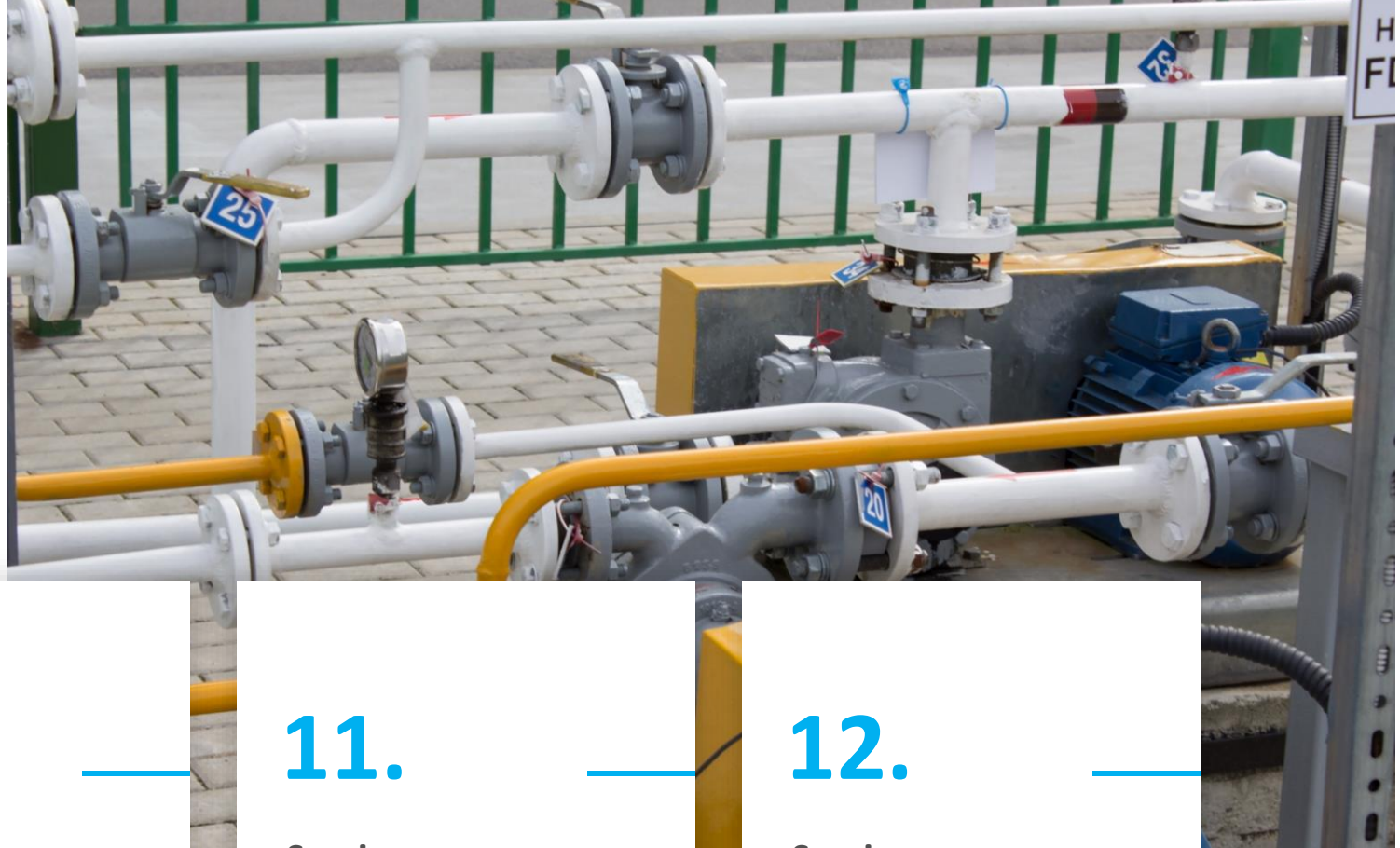
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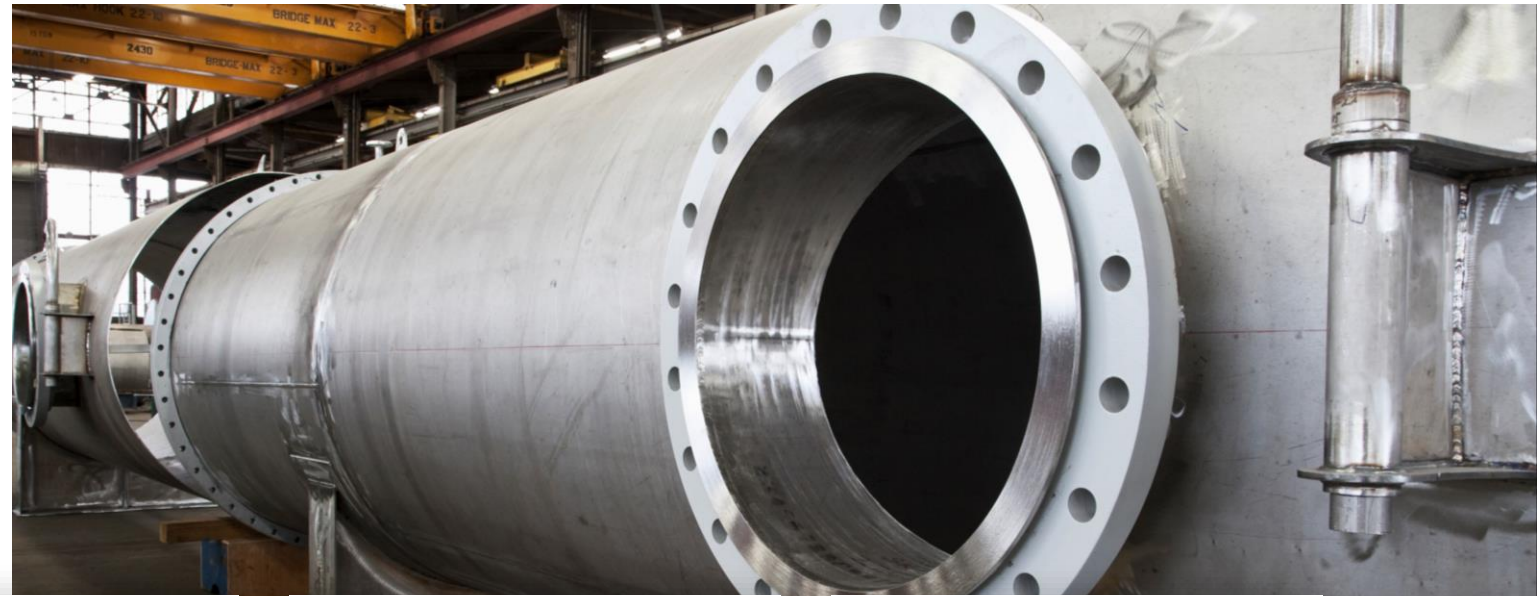
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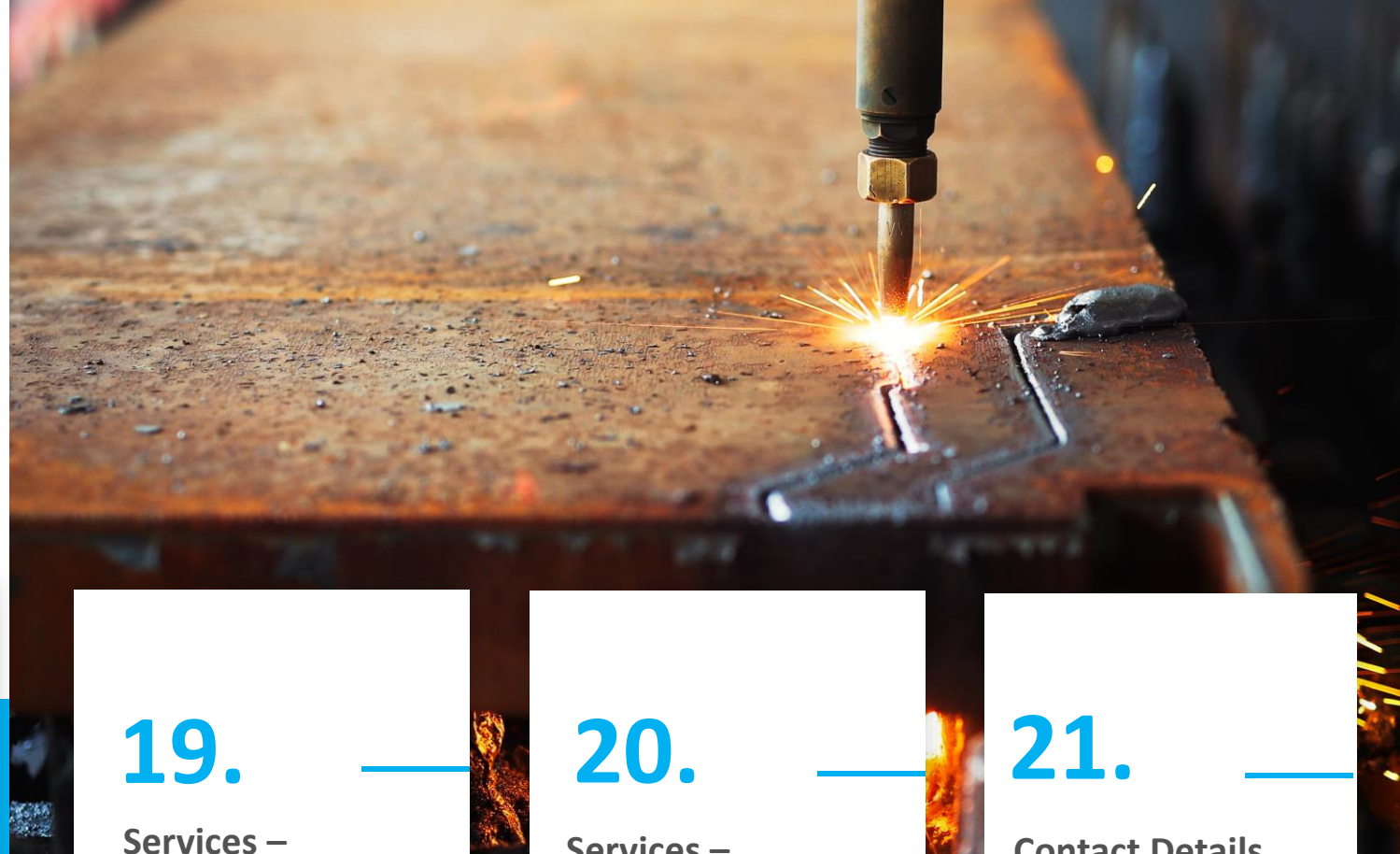
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About Nexor Enterprises

Introduction

Nexor Enterprises is a proudly South African, Level 4 BBBEE compliant company registered in 2022. Nexor Enterprises is dedicated to

- transformation through employment equity, empowerment of staff, local upliftment and procurement policies.

- Nexor offers industrial services and turnkey engineering project solution for a wide range of sectors across South Africa.

Experience

With over 60 years accumulative managerial experience, Nexor offers industrial services and turnkey engineering project solution for a wide range of sectors across South Africa.

Location

Nexor Enterprises is located in Gqeberha, Eastern Cape, South Africa



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Why choose Nexor Enterprises

The Experience you need. The Results you want

As a project orientate engineering and rental firm, we undertake multi-disciplinary projects that are supported by project-specific services. We position ourselves to allow us to remain experts of our solutions, products & services, across multiple industry sectors and disciplines.

Our experienced team approach to tender's with the aim to offer our clients the best solution from the initiation stage of the request. By sourcing, manufacturing, and provision of quality services, we contribute to the growth and success of our clients as well as the South African economy.

When you partner with us you will benefit from

Extensively proven capabilities

Customer orientated values

Stakeholder engagement and satisfaction

Commitment to providing quality products and services

Commitment to Health and Safety as well as the Environment

Mission & Values of Nexor Enterprises

Smart And Strong Engineering Solutions

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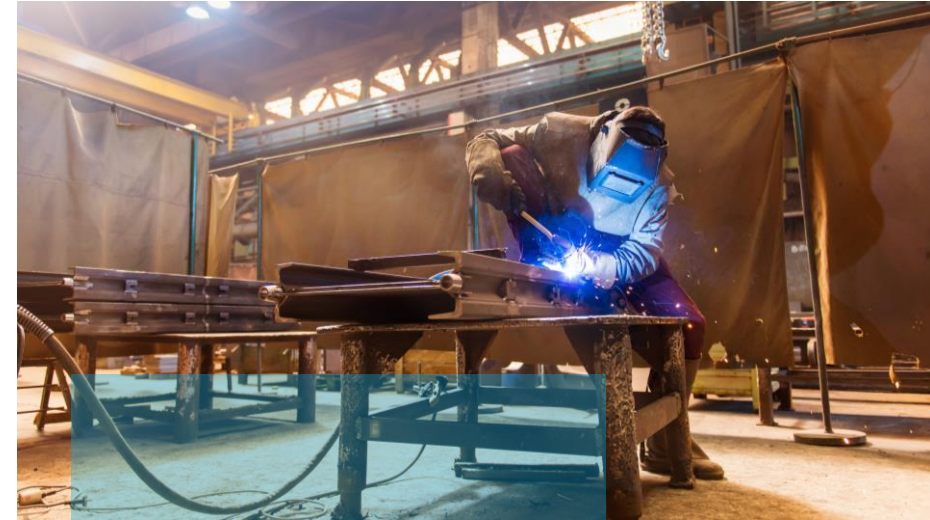
Mission

Nexor Enterprise's Mission is to manufacture, install and provide industry leading services to our customers. Through our actions, products and services we strive to deliver an exclusive customer experience.

Be it steam generation, piping systems, vessel design, manufacturing and servicing, fabrication or other industrial services, Nexor Enterprises can provide its customers with a range of industry leading solutions while providing project-specific services.

Values

Nexor Enterprises Values are driven by customer satisfaction by providing a reliable, honest, driven, approachable, cost effective and quality service solution and product



Nexor Enterprises

Commitment to S,H & E

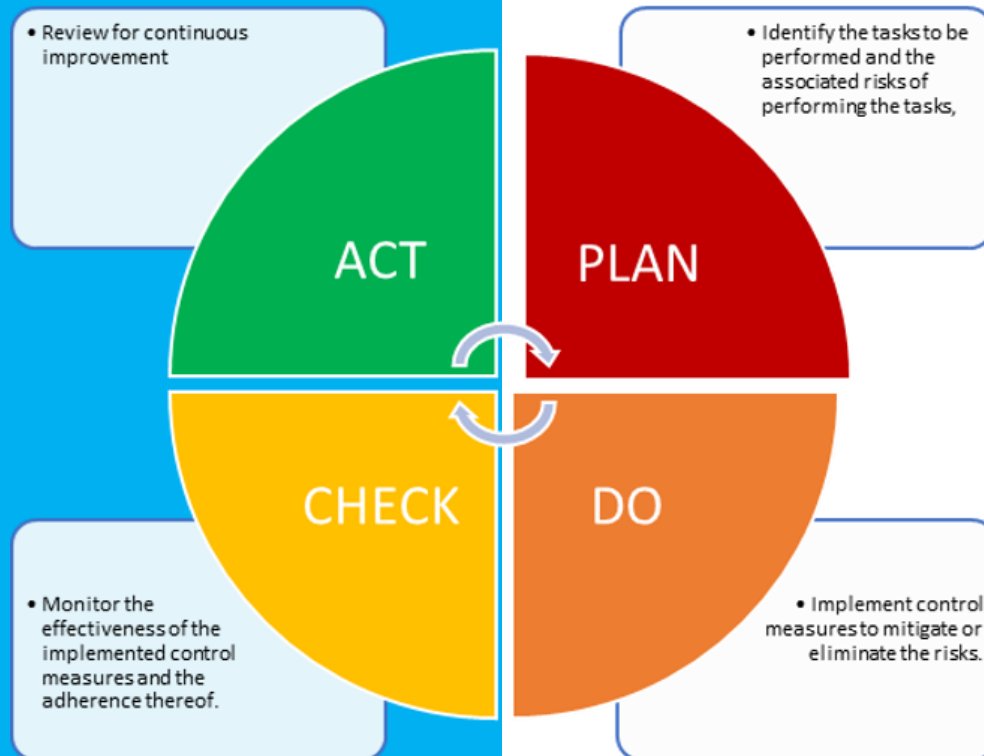
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The Safety Health and Environmental Philosophy

At Nexor Enterprise's, our long-term success depends on working to ensure the safety of our workers, clients and the public and the health of the Environment.

We believe that a safe and healthy workplace is a fundamental right of every person . We take responsibility for maintaining a safe working practices in every part of our Company by doing what we can to minimize the risk of accidents, injury and exposure to health hazards for all our staff, clients and members of the public our services touch.

At Nexor we strive for continual improvement when it comes to safety, strive to not remain stagnant and we achieve this by constantly reviewing our systems, investigating near misses and incidents and implementing additional control measure when deemed necessary.



Quality Management

The Experience you need. The Results you want. —

Quality Management System

Nexor Enterprise's Quality Management System and Policy aligns our services and activities towards a common goal of delivering a quality product and service which complies with the relevant standards and codes.

- Work is performed under the supervision of designated quality control personnel who oversee administrative and visual inspections
- Task based Data Packs are compiled that contain, but not limited to: material and consumable certificates, Inspection reports and procedures, AIA reports, Internal Certificates of repair or manufacture, approved welding procedures and welders qualifications etc.





Services – Boilers & Steam Generation

The Experience you need. The Results you want. —

Repairs, Maintenance, Annual & 3-yearly preparations

Nexor Enterprises have welding and repair procedures in accordance with ASME & EN codes to conduct boiler repairs. We offer boiler retubes, stoker maintenance, and repairs, annual cleans and 3-yearly preparation for statutory inspection of all fuel type boilers. This includes: HFO, Coal, Wood, Bio Fuel, Natural Gas etc.

Installation and Fuel Source Conversions

Nexor's team has vast experience in boiler installations and conversions. Our experienced team has successfully converted coal to HFO, HFO to coal and coal to Natural Gas with reputable trade references.

Services – Burner & Combustion

The Experience you need. The Results you want. —

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Installation, Maintenance and Repairs

Nexor Enterprises offer installation and maintenance of both oil and process burners.

Our experienced burner technicians are able to assist with fault finding and offer technical advise to the end-user.

Nexor stock and maintain most locally used industry burner spares and parts.





Services – Refractories

The Experience you need. The Results you want

Nexor Enterprises experience team offer high quality boiler brick work, refractory and also the following ancillary casting:

01

Side Seal

Laying and casting of stoker side seals

02

Flue Rings

Fabrication of moulds and casting of flue rings

03

Ignition Arches & Secondary Arches

Fabrication of moulds and casting of arches rings

04

Rear access ring and burner rings

Casting of rear access door refractories and burner rings

Services – Valve Refurbishment

The Experience you need. The Results you want —

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01. Servicing and Repairs

Nexor Enterprises have a designated valve refurbishment shop with experience valve technicians. We stock a large variety of internal parts for most industry gate, globe and plug valves. During the refurbishment we asses and maintain casings, flanges, studs, spindles , seats, disks, springs, pinions, actuators, glands, internal gaskets etc.

02. Valve Reports

Upon completion, customers are issued with valve reports which would indicate if any defect were found, what service or repairs was carried out, picture of each valve in each step, NDT reports if requested and pressure test report



01

Trap Stations & Steam Lines

We will identify and tag steam traps locations and type of traps. Conduct thermal surveys of upstream and downstream temperatures, check lines and valves for visible leaks, issue report with recommendations and service if required.



02

Burner & Boiler

Inspect burners and log their pressures & temperatures, check for leaks, verify damper free-movement, check safety features, replace nozzles, periodically clean / replace photocells.

Boiler would include all standard inspections such as , not limited to: guy wires, valves, leaks on nozzles, blow down the boiler, float safety valve, check emissions when required etc.



Services – Steam & Reticulation Monitoring

The Experience you need. The Results you want. —

Service level agreements for Steam trap and lines

At Nexor Enterprises, we offer our customers tailor made Service Level Agreements to monitor, inspect, repair an offer advise on their steam reticulation and condensate recovery systems based on your processes and facilities.

We also offer our customers inspections and verification of the safety features on their boilers and issue reports with our findings and recommendations to increase the efficiency and life of the boiler and it's ancillary items.

Services – Pressure Testing

The Experience you need. The Results you want. —

- Nexor Enterprises offer hydro-static and pneumatic pressure testing of conventional valves, pressure reducing valves, testing and setting of Safety Valves and Pressure testing of vessels, receivers and boilers.

01

Hydro-Static testing

Testing with ambient water in accordance with customer selected standards, local legislation or alternatively as determined by original design / construction or in-service standards. and issuing of pressure test reports.

02

Pneumatic Testing

Testing with air or Nitrogen gas to in accordance with customer selected standards, local legislation or alternatively as determined by original design / construction or in-service standards. and issuing of pressure test reports.

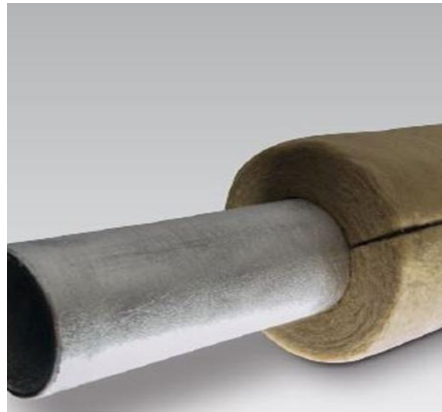


Top Services

Precise Examination
and Testing

Services – Thermal Insulation

The Experience you need. The Results you want.



Lagging

Various thermal Insulation for heat retention which is achieved by controlling exposure to the ambient temperature.



Sheet Metal Cladding and Fabrication

Fabricate cladding, and various sheet metal items using stainless steel, galvanized and aluminium sheets.



Removable Covers

The insulation covers are easy to remove and to refit, which allows for easy maintenance whenever necessary





Services – Piping

The Experience you need. The Results you want.

Piping Design & Installation

Design and fabrication of all steam, water, process, oil and air piping in accordance with SANS 347, API and ASME standards and codes

01. Stainless Steel

Stainless steel and dairy tubing design, fabricating and installation.

02. Carbon Steel

Design, fabrication and installation of steam and pressure lines, water lines, and air lines

03. HDPE

HDPE lines and ancillary design, fabrication and installation.





**Structural Fabrication
and welding in
accordance with
AWS D1.1**

Services – Structural Fabrication

The Experience you need. The Results you want. —

Structural & General Fabrication

Fabrication of cast steel, stainless steel, aluminium products and structures . Quality Control is implemented from project initiation to project closure.

01

*As-Built Fabrication & Compilation of Shop Drawings
Bringing your concept to life*

02

*Hoppers, Cyclones, Screw conveyors etc.
Fabrication of product holding structures..*

03

*Sand blasting and coating protection to customer specification
Coating inspection reports issued with the fabricated material.*

Services – Specialized Welding

The Experience you need. The Results you want. —

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MIG, PULSE-MIG, PULSE-TIG, SMAW, FLUXCORE

Nexor Enterprises offer various types of welding applications to suite the customers requirements.

Nexor have approved welding procedures and qualified welders for various grade of material, using various welding applications.

Our Welding Specification Procedures cover Structures, Piping, Vessels, Boilers in accordance with ASME, API, AWS and EN.

Grades of material we have procedures to weld (at time of print):

Stainless Steel - 304L, 316L, C3R12;

Carbon Steel - S355JR, GR430, SA516GR70 and

Aluminium





Services – Heat Exchangers & Vessels

The Experience you need. The Results you want. —

Repair & Fabrication

Nexor Enterprises have vast experience in the manufacture and repair of various vessels and tube and shell heat exchangers.

- Tube replacement and repair
- Shell fabrication and repair
- Tube plate fabrication and repairs
- Baffle plate fabrication and repairs
- Complete new fabrication of shell and tube heat exchangers
- Vessel design and fabrication and repairs

Services – General Factory Maintenance

The Experience you need. The Results you want.

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General Fabrication & Repairs

Repairs and fabrication of :

- Hand railings
- Machine Guarding
- Walkways and Cat-walks & Staircases
- Skids and Trestles
- Gang boxes
- Troths
- Mobile gantries
- Storage tanks



Services – Supply & Management of Construction Personnel

The Experience you need. The Results you want.

Supply and Management of Construction Personnel

Nexor Enterprises offer the supply and management of skilled artisans and labour on construction projects in various sectors.

With a track record and reputable references of supplying + 200 staff on EPCM projects in Eastern Cape and KZN.

Labour supply includes:

- Site Supervisors
- Boilermakers
- Welders
- Pipe fitters
- Mechanical fitters
- Semi-skilled labour
- General Assistants
- Riggers



Services – Project Management

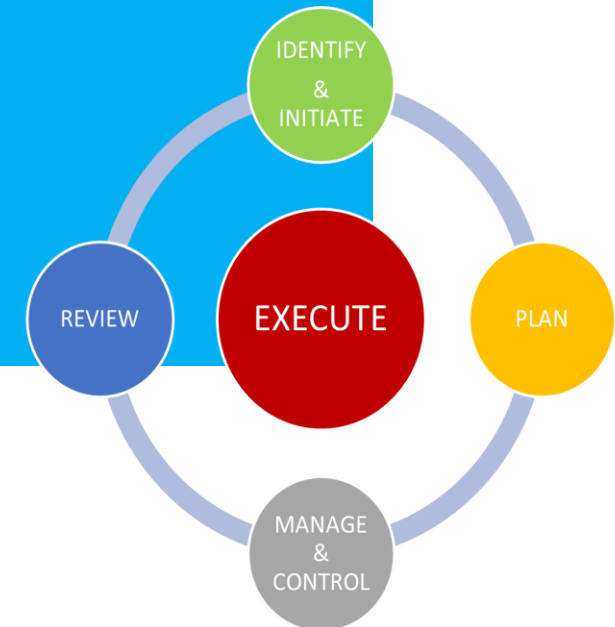
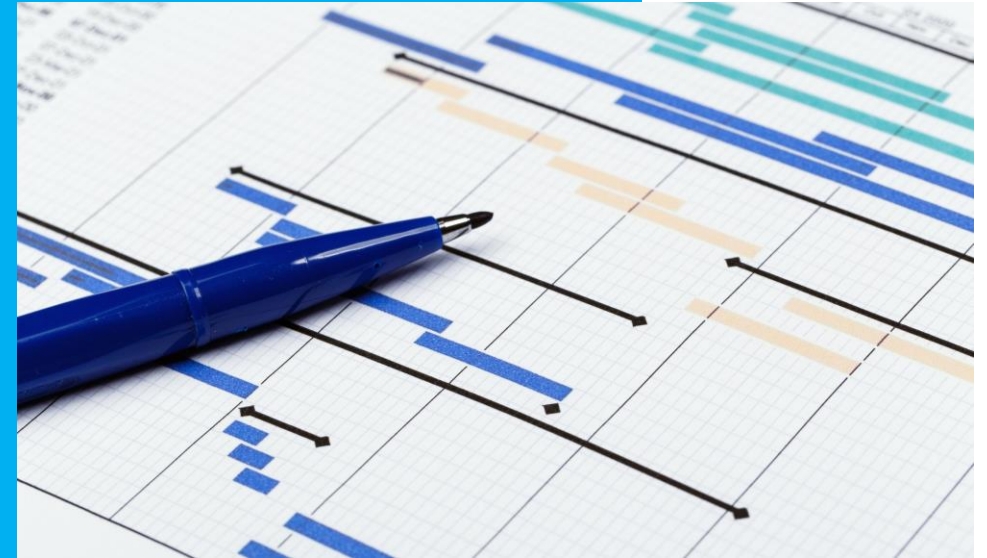
The Experience you need. The Results you want.

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Project Management Services

Our business is built on providing solutions to our clients that ensure projects are executed safely, professionally and cost effectively.

All the jobs undertaken are clearly identified and initiated, meticulously planned, executed with the greatest attention to detail and managed and controlled to ensure adherence to requirements and reviewed for improvements.





Services – Steam & Ancillary Supplies

The Experience you need. The Results you want. —

Supplies

Nexor Enterprises stock and can supply a wide variety of steam and heat application items.

- Refractory Bricks- bullnose, straight edge, side arch / tapered
- Thermal insulation and quick removable covers
- Valve spares
- Steam traps and spares
- Packing sleeves
- Sight glasses
- Spiral wound gaskets
- Call to enquire for more.

Contact Information

The Experience you need. The Results you want. —

Office Hours

Monday – Friday
07:00 AM – 16:30 PM

Get In Touch

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