



LION SHIELD

ENGINEERING SERVICES (PTY) LTD

Seeing what doesn't exist yet. That's our strength!

ABOUT US

Lion Shield Engineering Services, a team of diligent specialized personnel that focus on Engineering, Oil & Gas Manufacturing onshore and offshore, Civil & Site Maintenance Work.

Vision Statement

Target to ensure the highest standards of quality in all our workmanship services at all times as well as to keep within the parameters of the budget and ensure that all production, safety and quality requirements are adhered to, both onshore and offshore.

Value Statement

We value the reputation of integrity, honesty and excellent workmanship of our staff and team players.

Mission Statement

With our expertise in the industry we are able to do any size work and provide on time Engineering, Manufacturing, Civil and Site Maintenance Work resolutions to all our clients.

Lion Shield Engineering Services undertake Engineering, Manufacturing, Civil and Site Maintenance Work throughout South Africa.

Currently we are a level 2 B-BBEE.

ESTABLISHED IN
2020

TEAM

Workshop & Site Teams:

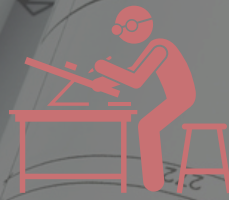
- * PR Structural & Civil Engineer
- * Structural & Civil Engineer
- * Mechanical Engineer
- * Draughtsman
(Structural, Piping, Civil)
- * Electrical Draughtsman
(Drawings to Standards)
- * Boilermakers
- * Fitters
- * Electricians
- * Welders
- * Thermoplastic Welders
- * Riggers
- * Civil workers
- * Foreman
- * Safety

SERVICES



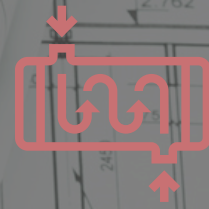
Engineering

PR approved designs
Concept designs
Engineering consultation
Problem Solving
Site visits, 3D Scanning



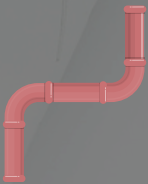
Draughting

Mechanical drawing
Structural drawings
Civil drawings
Electrical drawings
3D models | Rendering
Site Sketch



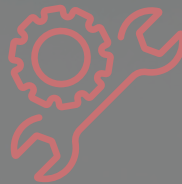
Pressure Vessels, Heat Exchangers, Design & Manufacturing

Shell & Tube
Heat Exchanger
Coolers
Maintenance on Plate



Piping Design & Manufacturing of Metallic and Plastic Piping (Non Metallic)

Process flow diagrams
ayout drawings
P&ID's
Weld maps
Skid Drawings & Existing Process
Redraw in Layouts
ISO's and Flow



Mechanical Works

Machining
Chute's
Take up's



Structural Steel Work

Conveyors
Tanks
Walkways
Stair Cases, Cat Ladders & Platforms
Scissor Working Platform
Warehouse
Crawl Beams
Certified Life Line Installations



Civil Works

Sump-Pits
Foundations
Rebar
Office Buildings



Sheet Metal



Scrap Metal Cutting & Recycling

Cutting up wagons, locomotives and other scrap metal.
Dismantling of scrap metal

SERVICES

Electrical (Industrial)



New Electrical Installation from DB's to New Machines

Faultfinding on All Types of Installations & Machines

Refurbish of Old Machine

Automation of Old Machines

Installing of PLC and HMI's

Faultfinding on Drive's

(Yokogawa, Delta V, Parker, Emersons, Weg, ABB, Alan Bradly, Santarno)

Faultfinding on PLC's (Siemens, Unitronics, Delta, Omron, Micro Logic)

Panel Design and Building with New Drawings

Relocating of Machine & Wire Ways

(Domestic)

Installing New DB's

Faultfinding on Any Installations

Upgrade of Old DB's

Installing Gate Motors & Bore Hole Pumps

Supply & Delivery of:



Air Conditioning - Service, Supply & Installation

Automotive Spares – Source & Supply

Chemical Products – Any Including Oil's

Cleaning Products – (Any)

Consumables - (Any)

Fabrication Related Equipment or Material

Mechanical Equipment

Office Supplies – (Any)

Safety Equipment – (All)

All General Equipment & Labour for Servicing of Cranes,
Generators, Auto Mechanics, etc.

WORKSHOP & MACHINE SHOP CAPABILITIES

Site Maintenance & Repair Work

Plant Site Mechanical & Pre-Fabrication Welding Work

(including Workshop Fabrication)

Installation & Site Fabrication

Field Fabrication & Erection

Drilling, Reaming & Grooving

Welding - Relevant Processes Recognized in Engineering

Strip & Dismantle / Loosening Items

Rigging & Handling Items

Breakdown & Response Time

Machining

Flat Plate & Profile Cutting

Buying

Planning

Stainless Steel / Duplex Clean & Passivation

Non-Destructive Testing - Sub Contracted

Blast & Paint - Off-Site

Transport Medium

Commissioning Site Projects Work & Welding experience in the following materials:

- * Stainless Steel

- * Carbon Steel(s)

All Structural Steel Work

Further Our Offering Includes

- * Pressure Vessel and Piping Fabrication

- * Heat Exchanger Fabrication

- * Plastic Piping (Non Metallic) offers distinct advantages as a piping material:

- * Strong, durable, flexible and lightweight

- * Highly resistant to corrosion, abrasion and chemicals

- * Super flow characteristics: longer-length with leak proof joints

- * Low friction loss in pipelines due to extremely smooth inner bore

- * Long term service life

- * Lower labor requirements for installations

- * Significant overall cost savings for installation and lower maintenance cost

- * Process Engineering - Sub contracted

- * Quality Control Inspectors SAIW Level II

- * Welding / Metallurgical Engineers - Qualified to IIW - Sub contracted

- * Qualifying Procedure Qualifications Record (PQR) and Weld Control Measures

BENEFITS OF HIRING INDEPENDENT CONTRACTORS VERSUS EMPLOYEES

"HIRING THE BEST IS YOUR MOST IMPORTANT TASK."

Financial Benefits

Business Owners should always weigh carefully the pros and cons of hiring an Independent Contractor (IC) versus an Employee depending on the specific requirements and type of project. The length of time, skill requirements and labor law rules will often be the determining factor to make that decision.

Payroll costs including payroll taxes as well as vacation, retirement, and insurance benefits are not required to be paid to Independent Contractors. These types of costs can increase your total payroll and benefit expense amounts by twenty to fifty percent or more per year.

Staffing Flexibility

Hiring an IC allows you to hire people when you need them the most. You can increase workers when it is very busy and not hire them when you do not need them. Independent Contractors work with a large amount of autonomy. They can decide how the work will be done as long as it satisfies the owner's requirements. The general rule according to the Internal Revenue Service is "an individual is an Independent Contractor if the payer has the right to control or direct only the result of the work and not what work will be done."

Higher Levels of Efficiency Quickly

Independent Contractors normally yield profits faster because they are highly skilled in certain areas. They are required to have their own permits and licenses so they do not need to be trained like most employees. In this way, ICs can be very efficient and effective in their work right from the beginning.



**"WE MAKE PASSION
OUR RAW MATERIAL"**



▶ **CONTACT US**

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