

## COMPANY PROFILE

**Experts in Asset Management and Third Party Quality Control**

Provide anti-corrosion and welding solutions.



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## MANDLENKOSI MSIZA

### Managing Director and Founder

Mandlenkosi Msiza is the Managing Director, founder and owner of Zwonaka Engineering and Projects. He has a degree in Engineering Metallurgy and currently completing his Masters Degree in Metallurgy (specializing in Corrosion). He has vast experience in project management, Corrosion Protection consulting and welding inspections. He has done consulting work in the energy sector, water and wastewater treatment plants including desalination plants, refineries, the mining and industrial sectors etc.

He manages a team of qualified Engineers, Project Managers and Inspectors. He has a history of successful projects which were directly done by Zwonaka Engineering and Projects (Pty) Ltd

*Mandlenkosi is a young South African man born and raised in the Rural area of Mpumalanga, known as Tweefontein near KwaMhlanga South African Citizen.*

# About Our

## **CORPORATE BUSINESS**

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Zwonaka Engineering and Projects (Pty) Ltd is a consulting firm, that specialises in corrosion protection services. Our business was created with an intention to provide facility owners, architects/engineers, contractors, fabricators and manufacturers a piece of mind that the integrity of steel and concrete structures and other assets are properly assessed and protected.

Our specialities include coatings, welding, cathodic protection, corrosion engineering and third party quality control inspection. We provide professional consultation, inspection and support during any phase of the project: design, construction and maintenance.

*The company was established in 2016 and is situated in Nimrod Park, Kempton Park. The company is 100% black youth owned and boasts a BBBEE rating of level 1*



# VISION

To be the leading anti-corrosion service provider in Africa through innovative solutions, customer satisfaction, high quality services and to ensure a safe working environment.



## What's Our ⚙️ BUSINESS SERVICES

### 1. CORROSION PROTECTION CONSULTING

- Corrosion Condition Assessment
- Material Selection and Design
- Technical Specification Design and Implementation
- Quality Assurance System Design and Implementation
- Remedial Budget Estimates



### 2. CATHODIC PROTECTION

- External Corrosion Direct Assessment
- Technical Specification and Drawings
- Cathodic Protection and AC Mitigation Designs
- Cathodic Protection Monitoring - supervisory During Construction
- BOQ Designs
- Budget Estimates For Implementation (Construction)



### 3. NON DESTRUCTIVE TESTING AND WELDING

- Procedures and Specification Designs
- Welding Inspections
- Non Destructive Testing (Dye Pen, MPI and UT)
- Training



# More Of Our

## **BUSINESS SERVICES**

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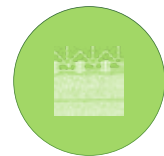
### **4. COATING THIRD PARTY INSPECTIONS**

- Coatings and Lining Third Party Quality Control Inspection.
- Technical Coating Specification Design and Implementation.



### **5. TRAINING**

- Registered and Accredited Training Provider with Energy and Water SETA
- Registered and Accredited Training Provider with Chemical Industries
- Education and Training Agency
- Water Demand Management Awareness
- Chemical Handling.
- Corrosion Protection in the Pipeline Sector



### **6. CCTV INSPECTION**

- Run CCTV inspection of the pipeline.
- Complete CCTV findings and report.



### **7. LEAK DETECTION**

- Performing leak detection of the pipeline to identify possible leak point along the pipeline.
- Compiling of leak detection report.



**BBBEE LEVEL 1 - 100% BLACK YOUTH OWNED**

### **REGISTERED WITH:**

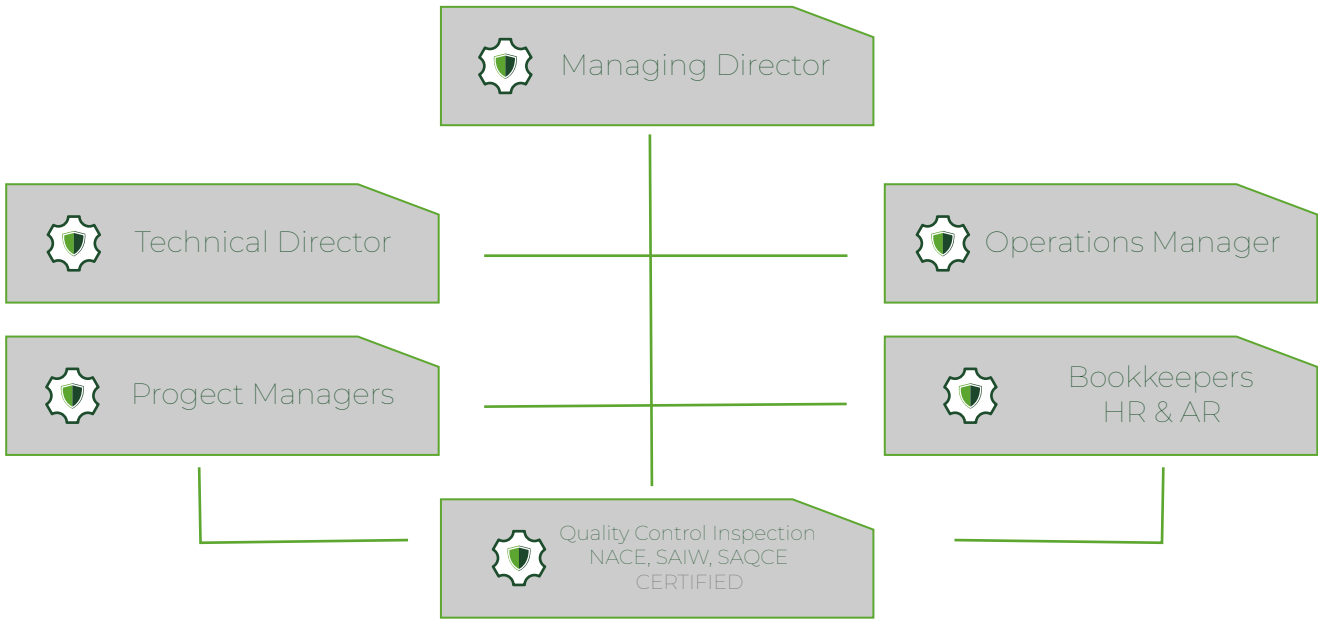
- SARS
- VAT
- CIPC
- CODA

### **MEMBER OF:**

- Corrosion Institute of Southern Africa
- National Association of Corrosion Engineers
- Affiliated Engineering Council of Southern Africa.

# Our Business

## TEAM





Our  
**TEAM WORK**



## Our BUSINESS CLIENTS

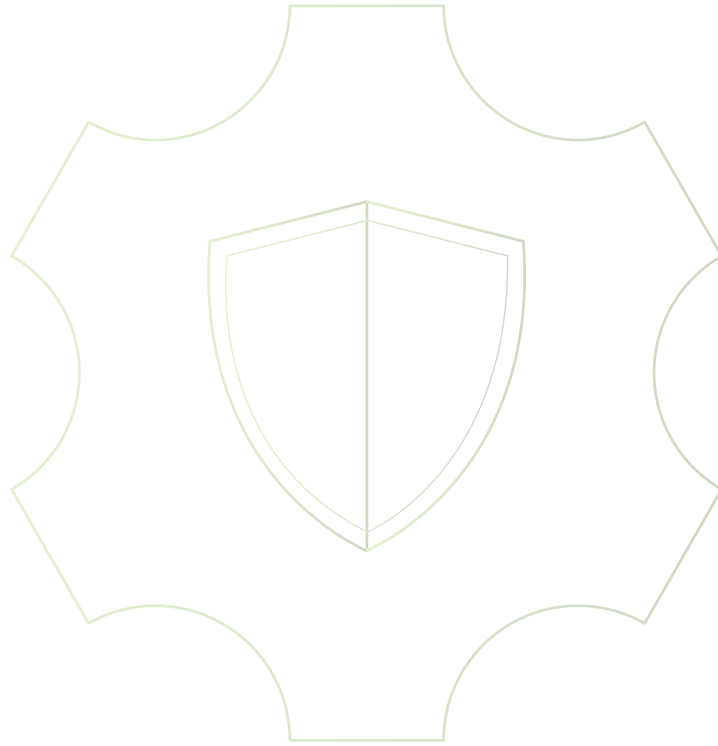
Our Clients & Companies That We Have Worked With



## Our BUSINESS MARKETS

- Pipeline and Tanks
- Water and Wastewater
- Commercial Properties
- Precast Concrete
- Steel Fabricators
- Gas Production and Distribution
- Petrochemical Industry
- Energy Sector
- Marine/Offshore
- Bridges and Highways





## Contact With Us:



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