



## Company Profile



# 01 | Our Company

RADS Engineers & Projects specializes in management of the sulphuric acid plant and mining solutions based in South Africa.

Our highly qualified team is capable of plant commissioning, ramp up and operations, plant inspections, shutdown planning and execution. We offer a full range of services in the acid plant and highly experienced in boiler and heat-exchanger tubes inspection and cleaning, acid towers inspections and repairs and catalyst handling and screening.

We are expanding our footprint in processing plants offering engineering consultancy with services such as Non-Destructive Testing, corrosion protection coating and experienced in management and maintenance of cooling towers, 3D cleaning and UHP cleaning of storage tanks and vessels.

We offer mining solutions expertise with our partners (Wonga Holdings), covering both surface and underground mining, including commodities such as coal, platinum, base metal copper and gold.

Further we are associated with leaders in scaffolding management in Southern Africa. We are growing our footprint as leaders rendering our services across Southern Africa and Africa as a whole.

*'We aim to stamp our footprint in Southern Africa and grow into a trusted service provider leader in Africa'*



# 02

## Our Commitment

### Mission

Our mission is to be your trusted partner in offering solutions in a sustainable environment with zero harm and offering you the peace of mind.

### Our Values

Our strength and competitive edge are derived from three set of pillars which are



#### Respect

We respect and understand the needs of our customer and do our utmost to meet our expectations. We journey together with you as we move forward. Ours is an inclusive engaging as you become part of the solution process.

We are very much aware of our severely threatened planet and respect the environment such that our operations procedures are fully complaint with the environmental requirements and legislature of the country we operate in.

#### Excellence

We excel in our execution. We do not compromise on quality.

#### Integrity

We exude probity. Integrity is our core value. Our business is based on moral ethics, principled and scrupulousness and fairness. You can be assured of our high level of trustworthiness.



# 03 | Health Safety & Environment

RADS Engineers & Projects aim for zero harm and offer solutions that are designed and consider HSE. We aim to clearly communicate and implement HSE procedures and processes that promote an injury free workplace that is always maintained throughout the project life.

To achieve this and continuously improving on our HSE objective RADS Engineers & Projects is committed to the following objectives:

- To observe and comply with legal regulations and requirements of the country we operate in
- Always review developed management systems for HSE to comply with ever changing and dynamic environment we operate in to match the requirements of international and approved standards
- To comply with all applicable laws, regulations of our customers and all other stake holders through audits and inspections
- Meet our customers and stakeholders needs and requirement whilst endeavouring to minimise adverse environmental aspects and pollution
- Train our employees with regards to safety, health, and the environment to ensure compliance to safety standards.
- Establish methodologies to identify and evaluate and eliminate or minimize all risk associated with our operational activities.
- Strive for zero harm work environment
- Create awareness of the pollution of the environment we operate in.
- Ensure that all injuries and other incidents are reported and investigated



# 04 | Our Services

## Acid Management

Our team of experts in the acid plant management are highly experienced capable and skilled and have worked on commissioning projects in various roles as technical experts, lead engineer in Zambia and DR Congo. The team has extensive experience from sulphur handling to operational issues, maintenance, shut planning and execution in sulphur burning, and off-gas or metallurgical plants and SO<sub>2</sub> plant.



### Operational

- Training manual
- Operating procedures
- Environmental compliance- emissions and pollution control
- Problem solving
- Raw sulphur handling
- Boiler operations
- Water treatment plant



### Commissioning

- Dry and wet commissioning
- Ramp up
- Capacity run
- Plant hand over



### Plant shutdowns

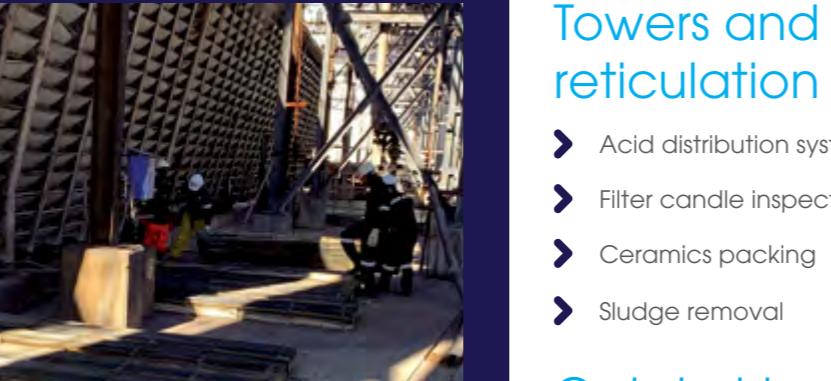
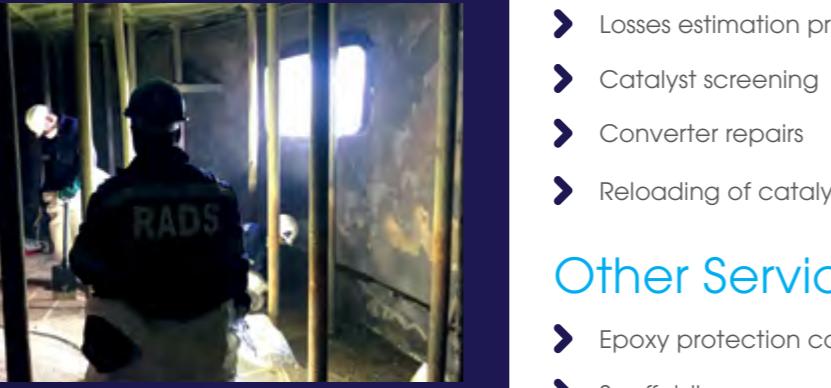
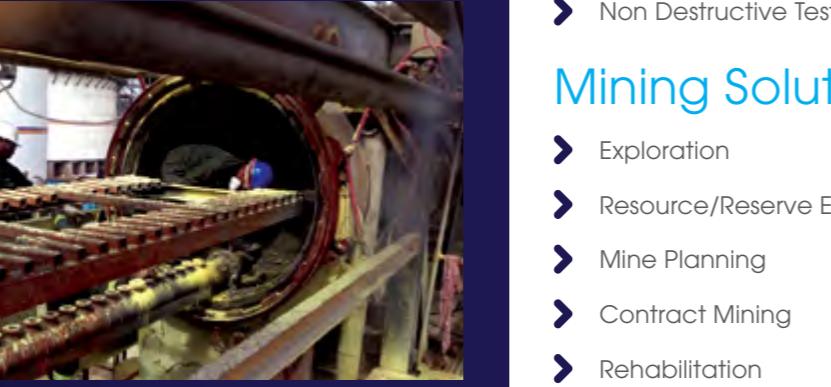
- Shut planning and executions
- Pre-shut equipment inspection
- Equipment inspections and repair e.g heat-exchangers, boilers, towers, burner
- Equipment handover
- Plant start-up



### Cooling towers maintenance

- Piping and distribution repair
- Drift eliminators cleaning and repair
- Refurbishment of the tower

*'Our quality service is available to different industry sectors such as Pulp & Paper, Refineries and Chemical plants, Mining, Power stations and Tank farm operations in Africa.'*



## Towers and reticulation systems

- Acid distribution systems inspections
- Filter candle inspections
- Ceramics packing
- Sludge removal

## Catalyst handling

- Losses estimation prior to shut
- Catalyst screening
- Converter repairs
- Reloading of catalyst

## Other Services

- Epoxy protection coating
- Scaffolding management
- Non Destructive Testing

## Mining Solutions

- Exploration
- Resource/Reserve Estimation
- Mine Planning
- Contract Mining
- Rehabilitation



# 05

## Our People



### Mr TD Ragolane Managing Director

#### QUALIFICATIONS

BTech Chemical Engineering (TUT), PGDip PM (USB)

Mr Ragolane is a member of the South African Institute of Mining and Metallurgy. He has over 17 years' experience in the acid plant industry. He has held engineering and management portfolios in the industry.

Mr Ragolane worked as a commissioning engineer in Zambia and DR Congo commissioning the ISASMELT, acid plant and SO<sub>2</sub> plant.

He has gained vast experience in commissioning ramp up, process plant operations, maintenance and shut planning and execution and plant start-ups.

### Mr AM Ragolane Senior QS based in UK

#### QUALIFICATIONS

BTech Building Sciences (TUT), RICS-UK  
(Royal Institute of Chartered Surveyors)

Mr Ragolane has over 20 years' experience and has held senior roles in leading civil engineering companies in South Africa and UK. Highly capable in the areas of cost engineering, construction management and project management.

### Mr V Mapimele Managing Director- Jubilee Engineering and Services

#### QUALIFICATIONS

BTech Chemical Engineering (UJ), BSc Hons Applied Science Metallurgy (JP),  
Pr Tech Eng ECSA

Mr Mapimele affiliation brings huge experience in the mining sector. He has wide experience in the PGM concentrators, smelter and base metals refinery. His experience include research, production plant optimization and plant design. He has held senior roles position for goldmining houses and coal mines specialising in liquid separation and vibration equipment.





## Contact Us

3rd Floor Steven House  
Brooklyn Bridge Office Park  
570 Fehrsen Street

Pretoria, 0181

South Africa

Website: [www.radsengineers.com](http://www.radsengineers.com)

Email: [info@radsengineers.com](mailto:info@radsengineers.com)

Tel: 012 433 6393

