



## Engineering Services

We offer world-class engineering solutions tailored to the unique challenges and opportunities of mining companies and construction firms in the Northern Cape. We provide end-to-end solutions that span the entire project lifecycle. Whether you're in the mining industry or construction sector, our services ensure efficient, cost-effective, and innovative outcomes.

Our Services:



Civil &  
Structural  
Engineering



Mining &  
Industrial  
Infrastructure



Transportation  
Infrastructure



Project &  
Programme  
Management



Industrial  
Engineering



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## Civil and Structural Engineering

From design to implementation, we deliver robust and sustainable civil and structural solutions. We focus on:

- Structural stability assessments.
- Roads and drainage infrastructure designed for high-impact operations.
- Advanced stormwater management systems.

## Mining and Industrial Infrastructure

Our mining expertise streamlines operations through:

- Tailored facility layouts to optimise productivity.
- Durable structures built for extreme environments.
- Infrastructure upgrades, like slurry pumps, tailings dams, and heavy-load equipment areas.

## Transportation Infrastructure

Efficient movement is key to operational success. SSM designs and implements transportation systems including:

- Roads for industrial traffic and heavy equipment.
- Material handling pathways with minimal maintenance requirements.

## Project and Programme Management

We ensure seamless project execution through:

- Comprehensive planning and feasibility studies.
- Active on-site supervision for quality assurance.
- Timely project completions that prevent costly delays.

## Industrial Engineering

Our focus is on optimising systems and workflows, helping your operations achieve:

- Greater productivity.
- Reduced waste and costs.
- Enhanced safety compliance.



## Our Unique Approach

### Detailed Design

Utilising cutting-edge tools like AutoCAD and Prokon to create sustainable, efficient designs.

### Feasibility & Planning

Rigorous site analysis, risk mapping, and compliance planning.

### Initial Consultation

Engaging with your team to understand your project goals, challenges and site conditions.

### Project Execution

Active on-site project management and supervision with robust quality control.

### Post-Completion Support

Seamless handover and continued technical advisory services to ensure operational longevity.

**Prioritising collaboration and transparency to ensure your project's success.**



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