

Mr Karabo Tale Moswane

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PROFILE

A well-rounded industrial engineering national diploma holder, with practical experience at Transnet Freight Rail, able to apply various industrial engineering techniques making improvements and reduce costs, complemented by very good communication skills.

EDUCATION

National Diploma: Industrial Engineering, *Tshwane Univ. of Technology (TUT)* (2020)

Final Year Courses:

- *Operational Research;*
- *Industrial Leadership;*
- *Industrial Accounting; and*
- *Automation*

National Senior Certificate, *Harry Oppenheimer Agricultural High School* (2016)

SKILLS AND CAPABILITIES

- Implementing **Lean Six Sigma** tools
- Computer Aided Design (CAD)
- PLC programming basic (classify items into categories in terms of size)
- Problem solving skills (able to identify a problem and come up with possible solutions)
- Developing Vendor businesses into formal businesses by enhancing and exposing them to technological advanced techniques and strategies needed in a newly emerging markets and corporate world
- Highly skilled to identify the problems in processes and improving the processes to operate towards improved and excellent performances.

WORK EXPERIENCE

Industrial Engineering Intern, Transnet Freight Rail, Polokwane Depot

Feb 2020-Jan 2021

Job description:

- Implemented **process maps** to identify bottlenecks in the operation and applying **Value Stream Maps** from the mine to the destination, outlining transit time.
- Comparing service design with the actual to see if there is compliance in the processes.
- **Daily monitoring templates** implemented to improve operation and to outline to Line Managers if the organisation is productive.
- Trained for Yellow Belt (**Lean Six Sigma**).
- Conducting daily meetings with operators to **review performance** (KPI)
- Conducting Overtime and Productivity meeting weekly, the purpose to outline the train movement compared to overtime cost and generated revenue. Monitor how the activities for the week benefitted the organization; if not the improvement will be needed.
- **Cost Compression** was a priority to reduce indirect costs.
- Analyzing the working between all the departments (finance, safety, fleet and rail network) as they all form part of the train movement.
- Participating in the corridor meetings as representing Polokwane depot.

OTHER TRAINING

Basic training course in

- **First Aid, Fire Fighting and Health & Safety**

Offered at the TUT, a Department of Labour accredited training.

REFEREES

Mr Sikhumbuzo Sibeko

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