

CASSIUS MABASA

MECHANICAL ENGINEERING

Address

20 Byron Street ,
Rusternburg, Northwest
,0229

SOFT SKILLS

- Strong willingness to learn
- Adaptable and hardworking
- Good communication skills
- Ability to work under pressure
- Team-oriented and reliable
- **Attention to detail**

TECHNICAL

- Mechanical systems and equipment knowledge
- Preventative maintenance principles
- Engineering calculations and technical reporting

COMPUTER SKILLS

- Microsoft Excel
- Microsoft Word
- Microsoft PowerPoint
- CAD
- Polyworks

CERTIFICATIONS

- Ford Production System Training (2025)
- Problem Solving (8D)

REFERENCE

Ford SA Automotive
Frames Metrology Supervisor
Vuyo nqganayi -071 796 3946

072 130 9544/ 078 642 7614

Gmail: cnmabasa98@gmail.com

ABOUT ME

Motivated and detail-oriented Mechanical Engineering graduate with a strong foundation in mechanical systems, maintenance principles, thermodynamics, and engineering design. Possesses excellent problem-solving, communication, and teamwork skills, with the ability to adapt quickly in industrial and mining environments. Proficient in Microsoft Office and familiar with engineering tools and technical reporting.

EDUCATION

Mechanical Engineering Diploma

Vaal University of Technology

Year : 2019 - 2025

MATRIC

JOHN MBHEDLHE SECONDARY

Year : 2013 - 2018

EXPERIENCE

P1/P2 (INSERVICE) Quality Department [Ford Motor Company]

Metrologist Student Ford Motor Company, Silverton

Feb 2025 – Feb 2026

- Supported manufacturing processes by performing dimensional analysis on body and chassis components
- Assisted in reviewing and improving process flow and manufacturing operations
- Identified and reported non-conformances (NCRs) affecting production quality
- Participated in root cause analysis (5 Whys, 8D) and corrective action implementation
- Analysed process data to support continuous improvement and production efficiency
- Maintained process documentation , quality standards
- Supported production teams to ensure process stability and adherence to customer specifications
- Contributed to continuous improvement initiatives and problem-solving activities
- Maintenance
- Supported production processes by maintaining and improving tooling, jigs, and fixtures
- All weldings . Tools making using lathe and milling machine



REPUBLIC OF SOUTH AFRICA

TIRELO YA MAPODISA A AFRICA BORWA
- COMMUNITY SERVICE CENTRE -

12 MAY 2026

TLHABANE
SUID AFRIKAANSE POLISIEDIENS
SOUTH AFRICAN POLICE SERVICE

National Senior Certificate

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Identity number 9801155730080

Awarded to
CASSIUS NDALO MABASA
NAME IN PRINT
CB SEKE/TE

Exam number 7180615070033

Subject

Xitsonga Home Language
English First Additional Language
Mathematics
Life Orientation
Geography
Life Sciences
Physical Sciences

Achievement

%	level
76	6
60	5
37	2
67	5
45	3
43	3
41	3
***	*

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2018

M. S. LAKHMETSI
Chief Executive Officer

190 3519 5238 V



This certificate is issued without alterations or erasure of any kind



UMALUSI



Council for Quality Assurance in
General and Further Education and Training
South Africa 0513036

(See reverse for more information)



TIRELO YA MAPOTLA A AFRICA BORWA
- COMMUNITY SERVICE CENTRE -

12 MAY 2026

**VAALE UNIVERSITY
OF TECHNOLOGY**

TLABANTSA
SUID-AFRIKAANSE POLISDIENST
SOUTH AFRICAN POLICE SERVICE

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7018817-3
NAME IN PRETT

Diploma

IN MECHANICAL ENGINEERING

Awarded to

MABASA CASSIUS NDALO

at a Congregation of the University

2025-04-10

in accordance with the statute and regulations
of the Vaal University of Technology

Vice-Chancellor & Principal

Registrar

Executive Dean

University Number:

219175047

Serial Number: D

16485

REPUBLIC OF SOUTH AFRICA
NATIONAL IDENTITY CARD

Surname: **MABASA**
Names: **CASSIUS NDALO**
Sex: **M**
Nationality: **RSA**
Identity Number: **9801155730090**
Date of Birth: **15 JAN 1998**
Country of Birth: **RSA**
Status: **CITIZEN**

ID

Signature: *[Signature]*

TIRELO YA MAPODISA A AFRICA BORWA
- COMMUNITY SERVICE CENTRE -

27 MAY 2026

- TLHABANE -
SUID AFRIKAANSE POLISIEDIENS
SOUTH AFRICAN POLICE SERVICE

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Date of Issue: **15 JAN 2024**

RSA

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Certificate of Completion

Awarded to

Cassius Mabasa

For Completing

Problem Solving Global 8D Overview

Completed on

November 13, 2025

