

# VUYOKAZI FERON LIKHO

## MBUTUMA

### CONTACT



Female



0510030285082



0650725384



mbutumavuyokazi6@gmail.com



Nikhwe Location, Bizana, 4800

### SKILLS

- **Metallography:** Expert specimen preparation and microstructural analysis.
- **Mechanical Testing:** Proficiency in Hardness, Tensile, and Impact testing.
- **Heat Treatment:** Knowledge of grain structure optimization and phase transformations.
- **Quality Control:** Understanding of ISO standards, OHS safety, and material specification verification
- **Engineering Tools:** AutoCAD for technical drafting and data visualization.
- **Data Analysis:** Advanced MS Excel for logging lab results and identifying trends.
- **Technical Writing:** Ability to compile concise laboratory and failure analysis reports.
- **Project Coordination:** Proven ability to manage logistics and timelines
- Team Leadership
- Adaptability
- Time Management

### ABOUT ME

Final-year BEng Tech in Physical Metallurgy student with a deep interest in material characterization, heat treatment, and quality control. Combines technical academic rigor with proven leadership and community engagement experience. Highly organized and detail-oriented, with a track record of coordinating events and leading teams in volunteer settings. Seeking an internship or entry-level opportunity to apply metallurgical principles in a professional industrial environment.

### EDUCATION

#### University Of Johannesburg

Bachelor of Engineering Technology in Physical Metallurgy | 2023 - Till Date

#### Bizana Senior Secondary School

NSC Martic Certificate | 2022

### EXPERIENCE

#### Leadership & Community Experience

6 months

Youth Leader & Assistant Events Coordinator

- **Project Management:** Assisted the Events Coordinator in planning and executing large-scale community events, managing logistics and scheduling.
- **Leadership:** Mentored youth members and facilitated weekly programs aimed at personal development and community building.
- **Communication:** Acted as a liaison between the leadership board and the youth committee to ensure clear goals and successful event outcomes.

#### Volunteer

6 months

Respublica Community Engagement

- Collaborated with a diverse team to implement community upliftment initiatives.
- Demonstrated strong adaptability and problem-solving skills in high-energy, public-facing environments.

CERTIFIED A TRUE COPY OF THE ORIGINAL  
DOCUMENT AND THAT NO VISUAL ALTERATIONS HAVE  
BEEN EFFECTED BY AN UNAUTHORISED PERSON

SIGNATURE: *[Signature]*

RANK: COL

DATE: 26/03/26 REPUBLIC OF SOUTH AFRICA



DEPARTMENT OF JUSTICE

PRIVATE BAG X507

2026 -03- 26

BIZANA 4800

CLERK OF THE COURT

# National Senior Certificate

Awarded to

VUYOKAZI FERON LIKHO MBUTUMA

Identity number 0510030285082

Exam number 4222410030154

| Subject                           | Achievement |       |
|-----------------------------------|-------------|-------|
|                                   | %           | level |
| IsiXhosa Home Language            | 80          | 7     |
| English First Additional Language | 86          | 7     |
| Mathematics                       | 54          | 4     |
| Life Orientation                  | 92          | 7     |
| Agricultural Science              | 71          | 6     |
| Life Sciences                     | 72          | 6     |
| Physical Sciences                 | 66          | 5     |

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, 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 2022

M. S. LAKOMETSU

Chief Executive Officer

230 2195 6704 M



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



**University of Johannesburg**  
PO BOX 524  
AUCKLAND PARK  
2006  
Tel: +27 (0)11 559-4555



## Academic Transcript

It is hereby certified that **VUYOKAZI FERON LIKHO MBUTUMA** is/was enrolled at this university for the Qualification(s) as set out below. The programme of study followed, assessment results and credits obtained are detailed below and an overall summary appears at the end.

**Student Name:** VUYOKAZI FERON LIKHO MBUTUMA  
**Student Number:** 223007666

**Date of Birth:** 03-OCT-2005  
**Student ID:** 0510030285082

**Note:** South African Universities functioned under two National Qualification Frameworks, an eight-level framework (promulgated in 2000) and a ten-level framework (promulgated in 2008). Please note the University of Johannesburg (UJ) implemented the ten-level framework from 2012. UJ qualifications completed prior to 2012 follow the eight-level framework. For additional information on the NQF regulatory history, click on "<https://www.uj.ac.za/wp-content/uploads/2021/09/nqf-regulatory-history-feb-2024.pdf>"

**Approved Qualification:** Bachelor of Engineering Technology

**Qualification:** BEng Tech in Physical Metallurgy

**Qualification Type:** Bachelor's Degree (360 - NQF level 7) **Level:** NQF Level 7: Bachelor's Degree (360 credits)

| Year | Module Code | Module Description                        | NQF Credit | Half Year Mark | Final Mark | Result Description        |
|------|-------------|-------------------------------------------|------------|----------------|------------|---------------------------|
| 2023 | CPSAED1     | COMPUTER APPLICATIONS                     | 15         |                | 75         | PASSED WITH DISTINCTION   |
| 2023 | ECMSD1      | CHEMISTRY X1 (THEORY)                     | 12         |                | 55         | PASSED                    |
| 2023 | ECMSD2      | CHEMISTRY X1 (PRACTICAL)                  | 12         |                | 64         | PASSED                    |
| 2023 | EDRED01     | ENGINEERING DRAWING 1                     | 12         |                | 63         | PASSED                    |
| 2023 | FRRED01     | FUNDAMENTAL RESEARCH PRACTICE             | 12         |                | 72         | PASSED                    |
| 2023 | MATHD1      | MATHEMATICS X1                            |            |                | 48         | SUPPLEMENTARY EXAM SEM 2  |
| 2023 | MATHD1      | MATHEMATICS X1                            | 12         |                | 50         | PASS SUP FIN MRK CAPPED   |
| 2023 | PHADPX1     | ENGINEERING PHYSICS 1A (PRACTICAL)        | 14         |                | 63         | PASSED                    |
| 2023 | PHADTX1     | ENGINEERING PHYSICS 1A (THEORY)           | 14         |                | 65         | PASSED                    |
| 2023 | WPPED01     | WORKPLACE PREPARATION                     | 12         |                | 75         | PASSED WITH DISTINCTION   |
| 2024 | AFINSA1     | AFRICAN INSIGHTS                          | 15         |                | 80         | PASSED WITH DISTINCTION   |
| 2024 | CETM2A1     | ENGINEERING CHEMISTRY (METALLURGY) 2A1    |            |                | 47         | SUPP EXAM GRANTED         |
| 2024 | CETM2A1     | ENGINEERING CHEMISTRY (METALLURGY) 2A1    |            |                | 46         | FAILED SUPPLEMENTARY EXAM |
| 2024 | ECS1AA1     | ENGINEERING COMMUNICATION SKILLS 1A       | 7          |                | 67         | PASSED                    |
| 2024 | ECS1BB1     | ENGINEERING COMMUNICATION SKILLS 1B       | 7          |                | 77         | PASSED WITH DISTINCTION   |
| 2024 | MATM2A1     | ENGINEERING MATHEMATICS 1 (part B)        | 14         |                | 59         | PASSED                    |
| 2024 | METMTB1     | FUNDAMENTALS OF METALLURGY 1B             | 14         |                | 65         | PASSED                    |
| 2024 | MPRMTB1     | METALLURGY ENGINEERING PRACTICE 1B        | 14         |                | 71         | PASSED                    |
| 2024 | PHADPX2     | ENGINEERING PHYSICS 1B (PRACTICAL)        | 14         |                | 70         | PASSED                    |
| 2024 | PHADTX2     | ENGINEERING PHYSICS 1B (THEORY)           | 14         |                | 57         | PASSED                    |
| 2024 | STAE1B1     | ENGINEERING STATISTICS 1B                 | 14         |                | 50         | PASS SUP FIN MRK CAPPED   |
| 2024 | STAE1B1     | ENGINEERING STATISTICS 1B                 |            |                | 47         | SUPP EXAM GRANTED         |
| 2025 | AFINSB1     | AFRICAN INSIGHTS                          |            |                |            | FAILED: NO ADMISS TO EXAM |
| 2025 | ALLMTA2     | STRUCTURE AND PROPERTIES OF ALLOY 2A      | 14         |                | 57         | PASSED                    |
| 2025 | CETM2A1     | ENGINEERING CHEMISTRY (METALLURGY) 2A1    | 14         |                | 57         | PASSED                    |
| 2025 | MMENTB2     | MECHANICAL METALLURGY 2B                  | 14         |                | 66         | PASSED                    |
| 2025 | MTDMTB2     | METALLURGICAL THERMODYNAMICS 2B           | 14         |                | 59         | PASSED                    |
| 2025 | MTTMTA2     | MATERIAL TESTING 2A                       | 14         |                | 72         | PASSED                    |
| 2025 | MTTMTB2     | MATERIAL TESTING 2B                       | 14         |                | 59         | PASSED                    |
| 2025 | PMTMTA2     | PHYSICAL METALLURGY 2A                    | 14         |                | 52         | PASSED                    |
| 2025 | PMTMTB2     | PHYSICAL METALLURGY 2B                    | 14         |                | 57         | PASSED                    |
| 2025 | QUAMTB2     | QUALITY TECHNIQUES 2B                     | 14         |                | 59         | PASSED                    |
| 2026 | CDSMTB3     | CASTING DESIGN AND SIMULATION 3B          |            |                |            |                           |
| 2026 | HMTMTA2     | HEAT AND MASS TRANSFER 2A *               | 14         |                | 68         | PASSED                    |
| 2026 | MMENTA2     | MECHANICAL METALLURGY 2A *                | 14         |                | 63         | PASSED                    |
| 2026 | PEMMTB3     | METALLURGICAL PROJECT 3B                  |            |                |            |                           |
| 2026 | PISMTA3     | PRODUCTION OF IRON AND STEEL 3A *         | 14         |                | 64         | PASSED                    |
| 2026 | PMCMTB3     | POWDER METALLURGY AND CERAMIC MATERIAL 3B |            |                |            |                           |
| 2026 | PMENTB3     | PRINCIPLES OF MANAGEMENT AND ECONOMICS 3B |            |                |            |                           |
| 2026 | PRMMTA3     | PROJECT METHODOLOGY 3A *                  | 14         |                | 70         | PASSED                    |
| 2026 | WLDMTB3     | WELDING TECHNOLOGY 3B                     |            |                |            |                           |



**University of Johannesburg**  
PO BOX 524  
AUCKLAND PARK  
2006  
Tel: +27 (0)11 559-4555



**Awards Allocated:** African Insights

**Overall Summary**

**MAY CONTINUE STUDIES**

\* Major Module

**Cumulative NQF Credits = 410**

**SAQA Registration Number = 99028**

IT IS HEREBY CONFIRMED THAT THE STUDENT EXHIBITED GOOD CONDUCT FOR THE DURATION OF HER/HIS STUDIES. PLEASE CLICK ON <https://www.uj.ac.za/wp-content/uploads/2021/06/7-grade-conversion-guidelines.pdf> FOR A GRADE CONVERSION SCALE/GUIDELINE.

THIS CERTIFICATE IS ISSUED WITHOUT CHANGE OR DELETION OF ANY NATURE.

**B van Vuuren (Prof)**

**Registrar**

**02-AUG-2026**



REPUBLIC OF SOUTH AFRICA  
NATIONAL IDENTITY CARD

Surname  
MBUTUMA  
First name  
VUYOKAZI FERON LIKHO  
Sex  
F  
Country of birth  
RSA  
ID number  
0510030235022  
Date of birth  
03 OCT 2005  
Place of birth  
RSA  
Citizenship  
CITIZEN



Signature



This card has been issued by the  
Department of Home Affairs in terms of the  
Identification Act, Act 68 of 1997  
If found please return to the Department of Home Affairs  
For enquiry or verification purposes contact 0800 60 11 60

11 JAN 2022

118003758



CERTIFIED A TRUE COPY OF THE ORIGINAL  
DOCUMENT AND THAT NO VISUAL ALTERATIONS HAVE  
BEEN EFFECTED BY AN UNAUTHORISED PERSON

SIGNATURE: *[Signature]*

RANK: *COC*

DATE: .....

DEPARTMENT OF JUSTICE

PRIVATE BAG X507

2026 -03- 26

BIZANA 4800

CLERK OF THE COURT