

SENAMILE MZOBE

PROFILE

I am a detailed-orientated individual with a Bachelor of Science degree and experience as a Laboratory Personnel in industrial quality control. I am skilled in conducting chemical analysis, performing technical duties, and proposing improvements to laboratory quality control systems. I am individual who is proficient in sample preparation, product testing, quality assurance processes, various chemical tests and techniques, with a strong focus on compliance with established methodologies and deadlines.

CONTACT

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EDUCATION

James Nxumalo Agricultural High School

2013-2015

National Senior Certificate

Subjects: IsiZulu Home Language, English First Additional Language, Mathematics. Life Orientation, Agricultural Science, Computer Applications Technology, Life Sciences, Physical Sciences.

University of KwaZulu-Natal

2016-2019

BSc Genetics and Microbiology

Modules: Genetics, Microbiology, Mathematics, Chemistry, Physics, Calculus, Statistics, Biochemistry, Biology.

IT Certification Academy

2023 - 2024

Software Development

Certifications: IT Specialist in HTML 5 Application Development, Microsoft Certified: Azure Fundamentals, Microsoft Certified: Azure Developer Associate.

WORK EXPERIENCE

Laboratory Assistant Analyst | Safal Steel - Cato Ridge

2024-Present

- Perform comprehensive product and chemical testing for the Metal Coating Line, Cold Roll Mill, and Color Coating Line, adhering to stringent quality standards.
- Manage product release for the Metal Coating and Color Coating lines, ensuring accurate documentation of test results.
- Store and retrieve retention samples for the Metal Coating Line (MCL) and Color Coating Line (CCL), maintaining traceability.
- Collect exit and entry sheets from all production lines to support operational efficiency.
- Prepare samples and conduct accelerated weathering tests to assess long-term product reliability.
- Perform oil analysis using SAP CRM and create test certificates as required.
- Maintain and update daily quality shift reports for production lines, tracking key metrics and trends.
- Stand in for quality inspectors during high-demand periods to ensure seamless operations.
- Conduct strip shape analysis, surface finish evaluations, and testing for conductivity and pH to meet quality specifications.
- Label and grade products accurately, ensuring proper identification and adherence to quality standards.

Laboratory Technician Intern | Scott Bader - Hammersdale

2022-2023

- Conducted quality control for products and raw materials according to established criteria and deadlines.
- Verified product stability, prepared products for compliance tests, and performed test, reporting results accurately.
- Approved raw materials after testing and determining pass or failure stats when necessary.
- Made recommendations for product corrections during production
- Reviewed and corrected batch cards before productions.

- Set calibration tests for instruments and maintained appropriate documentation.
- Tracked and saved daily production data, updated software as required.
- Repeated compliance test in response to customer complaints, reported to seniors for review.
- Assessed products from other sources and determined compliance with established criteria.
- Participated in product development by conducting quality control test for products under development.
- Maintained a clean, tidy desk, safe work environment and complied with Safety, Health and Environment Standards and Procedures.

Office Administrator | Credit Fitness - Kloof

2020 - 2021

- Managed client files and office operations, while ensuring the smooth functioning of daily activities.
- Communicated effectively with creditors and debtors, facilitating negotiations and resolving financial matters.
- Prepared payment plans via Pay Fast, ensuring timely and accurate processing of transactions.
- Maintained meticulous records, updated databases, and organized files to enhance data accessibility and organization.
- Coordinated with team members to ensure efficient service delivery, following up on leads and inquires promptly.
- Scheduled appointments and meetings with credit counselor, optimizing time management and client engagement.

Laboratory Demonstrator | University of KwaZulu-Natal (PMB)

2018-2019

- Demonstrated the function of practical equipment, conducted experiments, exercises, workshops and/or processes to answer questions related to demonstration practical's.
- Assisted students in carrying out practical exercises correctly and efficiently.
- Was responsible for the day-to-day operations of the laboratory.
- Maintained and followed all health and safety procedures, to ensure that a safe environment was maintained at all times and was able to raise any concerns with the course organizer/work supervisor.
- Assisted in marking student's tests by following a defined marking criterion, in which the marking required little to no interpretation.
- Ensured all laboratory equipment and material for demonstrations was functional and sufficient. Prepared all practical exercise prior to sessions commencing.
- Maintained student attendance records.

SKILLS

- Strong attention to detail
- Knowledge of quality assurance principles
- Excellent communication and reporting abilities
- Proficient in MS Office suite
- Problem-solving and team collaboration
- Microsoft Azure cloud services
- SAP ERP Software
- Self-driven
- Amazing team player
- Ability to work well under pressure

REFERENCES

1.Mr Errol Govender | Safal Steel

Quality Manager

071 355 9806 | errol.govender@safalgroup.com

2.Mr Philip Hayward | Scott Bader

Senior Chemical Support Specialist

082 444 9334 | philip.hayward@scottbader.com

**3.Mr Rasanalavho Muvhango | University of KwaZulu-Natal
Lecturer**

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