

Onkabetswe Ngwasheng

Electrical and Electronic Engineering | | ECSA Candidate Engineer

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Permit: Code 10

LinkedIn

<http://www.linkedin.com/in/onkabetswe-ngwasheng>

- Detail-oriented Project Coordinator with an engineering background and experience managing project cash flow, supplier engagement, and cross-functional teams in fast-paced environments.
- Skilled in resource allocation, stakeholder communication, and risk management.

Personal Details

Date of Birth: 1997/03/31

Nationality: South African

Marital Status: Single

Gender: Female

Languages

Tswana

English

Afrikaans

Education

2010-04 - 2014-12

High School Diploma

Grade 12 Grenville Rustenburg - Rustenburg, South Africa

Subjects Completed: English (HL), Afrikaans(FAL), Mathematics, Physical Science, Life Science, Business Studies & Life Orientation

Extra-Curricular Activities: Netball (2nd team), MAD(Making a difference), RADs(Radically different species), Math's Olympiad

Educational Programs: Wits talent (TTP), GLIP(girl learner improvement program), School of Excellence, Take a girl child to work.

2015-02 - 2021-10

Bachelor of Science: Electrical and Electronics

BING (Electrical And Electronic) University of Johannesburg - Johannesburg, South Africa

Modules Completed: Control Systems, Computer System, High-Speed Electronics, Electrical Engineering Practical, Project Investigation, Signal Processing, Telecommunications, Electromagnetics. Electrical Machines, Power Systems, Optical Systems, Legal Applications in Engineering Practice, Power Electronics.

Skills

- Project lifecycle coordination (Stage-Gate process)
- Supplier management & procurement
- Budget tracking & cost control
- URS, CARs, exception memos
- Risk assessments, HAZOP & MESS
- Leadership & cross-functional collaboration
- Microsoft Office, MS Teams (Task Manager)

Work History

2023-03 - 2024-08

Technical Service Graduate

PepsiCo Wadeville Beverages, Isando Simba

- Coordinated PC50 project, managing supplier engagement, equipment storage, and installations.
- Drafted URS, CARs, and exception memos while ensuring compliance with project requirements.
- Tracked project cash flow and managed supplier budgets to meet timelines.
- Supported sustainability initiatives, enhancing PepsiCo's compliance with EPR standards.

2021-11 - 2023-02

Engineering Graduate

Johnson Tiles SA, Clayville, Olifantsfotein

- Assisted with process optimization projects to improve plant efficiency.
- Collaborated with cross-functional teams to ensure safe and compliant operations.

2021-10 - 2021-11

Engineering Assistant SF (contract)

Royal Bafokeng Platinum, Rustenburg, South Africa

- Assisted surface engineering teams with daily operations, including equipment inspections, data collection, and risk assessments.
- Supported equipment maintenance and ensured compliance with safety and operational standards.

Additional Education

- Explosion Prevention Advanced Course, SALLAB, PepsiCo Estcourt Mill, 11/2023, Explosion fundamentals and concepts, Identifying and classifying hazardous areas, Design requirements for explosion-proof equipment
- 5 Day Hydraulics Fundamentals and Principles, Bosch Rexroth South Africa (RF)(Pty)Ltd, Kempton Park, South Africa, 08/2022, Demonstrate understanding Hydraulic Principles and Fundamentals Components
- 5-day Pneumatics, Bosch Rexroth South Africa (RF)(Pty)Ltd, Kempton Park, South Africa, 10/2022, Demonstrate Basic Knowledge of Pneumatic Components
- Business advising operations: NQF Level 06, Duke University, 22/10/24.

Interests

Exercising, Hiking, Reading & Cooking: I enjoy these activities as they fuel my curiosity, creativity and aid both my physical and mental well-being.

References

- Prof G. Singh, Project Supervisor, ghanshyams@uj.ac.za, University of Johannesburg
- Ms Matsi, 0734028577, Royal Bafokeng Platinum
- Mr Mathekgat, 0112069708, rainier@johnsontiles.co.za, Johnson Tiles SA
- Mr Arthur Sanderson, 0113967157, Arthur.Sanderson@boschrexroth.co.za, Bosch Rexroth South Africa (RF)(Pty)Ltd
- Mpho Macakela, 0784234325, mpho.macakela@pepsico.com, PepsiCo SA
- Hlanga Madikiza, hlanga.madikiza@pepsico.com, PepsiCo SA