





Marlen Xolani Zwane

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mrlnzwn@gmail.com 
Liswati Nationality 

I am a well-presented male, qualified, ambitious, opportunist, workaholic, idealist, innovator, and a brilliant fast learning worker who truly practices good working ethics in any line of duty yet determined and dedicated to succeed in the engineering sector work field. I am prepared to perform my best and guarantee the business I work for does indeed achieve its goals and reaches its ideal vision.

Skills & Attributes

- Leadership skills
- Organizational skills
- Excellent written and Verbal communication
- Active listening skills
- Honesty, ambition and strong work ethic
- SAP & MAXIMO Asset management systems
- MS Word, MS Excel and MS PowerPoint, CAD, and Simulation software's
- Highly flexible performer
- Diplomatic character
- Analytical and systematic thinker

Work Experience

Fitter Apprentice & Back End Fitter / ILLOVO UBOMBO SUGAR LIMITED

Apr 2001 – March 2008

Reference: Mr. M. Ndzimandze (Refinery Maintenance Foreman) – (+268) 7632 3439

MNdzimandze@illovo.co.za

Outline:

Ensured all operations were carried as per the ISO 9001:2000, Quality Management System to achieve quality standards

Key Responsibilities:

- Review the implementation and efficiency of quality and inspection systems.
- Section checks inspection on mechanical machinery
- High Pressure Boilers maintenance and service
- Fault finding on mechanical machinery
- Service and maintain sugar screening batch and continuous centrifugal (BMA's, Western State, Broadbent

Plant Maintenance Fitter - South African Paper & Pulp industries (SAPPI USUTU)

March 2008 – February 2010

Outline:

Causticizing Plant Maintenance and service

Key Responsibilities:

- Perform section checks and inspection to optimize plant uptime.
- Trouble shooting and mechanical service of lime kilns, filters, fans, pumps and conveyors
- Supervise maintenance and service artisan contractors during maintenance shut downs

Contr. Mech. Fitter / UBOMBO SUGAR LIMITED ILLOVO

2014 – 2019

Reference: Mr. M. Ndlovu (Maintenance Manager) - (+268) 76026676

MNdlovu@ilovo.co.za

Outline:

Service and maintenance

Key Responsibilities:

- Serviced gearboxes, pumps, conveyors, diffuser and mills
- Specialize on BMA sugar centrifugal, (pneumatics, and problem diagnosing, overhauling, servicing and improving machines performances).

Contr. Millwright Technician / CONCO LIMITED (Coca Cola Concentrate Company)

April 2019 – March 2020

Reference: Mr. P. Friedman (Projects and Facilities Manager) - (+268) 7602 4308

pfriedman@coca-cola.com

Outline:

Service and maintenance

Key Responsibilities:

- Service & maintain water treatment and effluent plants
- Maintain air-conditioning and refrigeration (air compressors and ammonia compressors)
- Service and maintained shelving racking
- Maintain packing robotics and conveyors

Education History

2010 - 2018

Bachelor of Science in Electrical & Electronics Engineering / University of Eswatini

Courses completed:

Thermo fluids, Graphical Communication (CAD), Electronics, Electrical Engineering, Programming Techniques (C++), Mathematics (Calculus, Partial Differential Equations, Probability & Statistics), Professional Communication, Analogue Design, Digital Systems, Signals & Systems, Electromagnetic Fields, Power Electronics, Digital Signal Processing, Electrical Machines, Power Systems, Electrical & Electronic Design. Microprocessors & Microcontrollers, Instrumentation, Telecommunications and Wireless Systems, Digital Communications, Entrepreneurship, Engineering Management, Computer Networks and Design Project (Vehicle Tracking and Accident Identification using GPS And GSM)

N6 Mechanical Engineering / Durban Technical College

2004 – 2007

Courses completed:

Strength of Materials and structures, Mechanotechnics, Power Machines, Engineering Mathematics, Engineering Science, Mechanical Drawing & Drafting, Mechanical Drawing & Design, Fluid Mechanics

Manufacturing, Engineering & Related Services SETA (merSETA) – Mechanical Fitter / ISCOR Training Centre (Newcastle)

2005 - 2005

Courses completed:

Fitting Pumps, Gearboxes, Bearings, Shaft Alignment, Pneumatics, Hydraulics, Filling, Key Fitting, Marking off

End