



## Who Is the Agricultural Engineering Technician

Mr Thembelani Nomvete is an experienced mechanical engineering professional with a proven track record in precision machining, CNC programming, and engineering education.

### **He is:**

- A Walter Sisulu Graduate in Mechanical Engineering,
- A Red Seal Machinist Artisan, and
- Qualified at PetroSA in 2015 as the first black artisan in his department in the entire history of the plant.

Over the course of his career, he has progressed through various roles, gaining valuable expertise in the mechanical engineering field.

His journey began with his formal education at Buffalo City FET College, where he completed a qualification in Engineering Related Design (NQF Level 4) in 2010.

During this time, he developed practical skills in turning, milling, grinding, and fitting and turning, as well as a theoretical understanding of CNC basic programming, pneumatics, and hydraulics systems.

In 2021, he joined John Knox Bokwe TVET College as a Mechanical Engineering Lecturer, where he continued to teach and develop the curriculum for NQF Level 2 to Level 4 students. During this time, he gained valuable experience in the academic side of engineering, focusing on practical and theoretical training.

In 2024, he expanded his career into the agricultural engineering field as a Technician, Facilitator, and Lecturer at Fort-Cox Agriculture and Forestry Training Institute, where he works on maintaining workshop equipment and teaching agricultural engineering, further broadening his expertise.

Throughout his career, Mr Nomvete has continuously sought opportunities to grow both technically and professionally. He obtained additional qualifications, such as a Project Management Certificate from Stellenbosch University in 2023 and participated in leadership and mentorship programs.

His skill set includes expertise in machine tools, hydraulics, pneumatics, solid works, technical documentation, and quality control.

Mr Nomvete says he is highly motivated by the opportunity to mentor and lead and is always eager to tackle new challenges in mechanical engineering and education.

NON SIBI SED POPULO  
NOT FOR ONESELF ... BUT FOR THE PEOPLE

p : 040-653-8033  
f : 040-653-8036  
e : admin@fortcox.ac.za  
w : www.fortcox.ac.za