



SUMMARY

Highly motivated and detail-oriented Mechanical Engineering graduate with hands-on experience supporting engineering operations through industrial attachments at SanPac Africa Limited and Brookside Dairy Limited. Proficient in mechanical maintenance, machine troubleshooting, CAD design (AutoCAD, SolidWorks), and utility systems such as steam generation, refrigeration, and water treatment. Strong communication and problem-solving skills with the ability to work independently or collaboratively in fast-paced technical environments. Committed to applying engineering knowledge to solve real-world challenges and contribute effectively to multidisciplinary teams.

EDUCATION

Dedan Kimathi University of Technology
Bachelor of Science in Mechanical Engineering
First Class Honours
2020-2025

Lenana School
Kenya Certificate of Secondary Education
A-
2016-2019

SKILLS

- Strong organizational and time-management skills
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously

PROFESSIONAL EXPERIENCE

Mechanical Engineering Attaché

Brookside Dairy Limited
2025

- Gained technical experience in critical utility systems including steam generation, ammonia refrigeration, reverse osmosis (RO) water treatment, and compressed air systems essential to dairy processing.
- Participated in the maintenance and troubleshooting of UHT processing machinery, SCADA-controlled filling lines, and aseptic packaging equipment to ensure system uptime and food safety.
- Conducted preventive maintenance on compressors, fire tube boilers, and ammonia condensers to sustain optimal plant performance.
- Worked with electrical infrastructure such as transformers, generators, capacitor banks, and low-voltage systems to support continuous power supply.
- Enhanced technical documentation through maintenance reporting, root cause analysis, and corrective action tracking.

Mechanical Engineering Attaché

SanPac Africa Limited
2023

- Maintained and troubleshot injection molding, blow molding, and extrusion machines, reducing downtime and improving machine efficiency.
- Conducted preventive maintenance and quality inspections on plastic packaging products such as ice cream containers, jerrycans, and margarine tubs.
- Helped optimize production workflows, contributing in improvement in cycle time through enhanced maintenance procedures.
- Strengthened spare parts inventory management, minimizing delays during repairs.
- Contributed to label printing processes and quality assurance checks.