

MARTIN KIPYEGON KEMBOI

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Address:

P.O. Box 246 - 0543
Muhoroni – Kenya

Education

DIPLOMA IN TECHNOLOGY CIVIL ENGINEERING

THE TECHNICAL
UNIVERSITY OF KENYA,
NAIROBI
AUG 2018 – DEC 2022

ARCHICAD, AND AUTOCAD GRAPHICS

BELL INSTITUTE OF
TECHNOLOGY, NAIROBI
JUL 2021 – DEC 2021

CERTIFICATE IN ELECTRICAL INSTALLATION

NATIONAL INDUSTRIAL
TRAINING AUTHORITY,
NAIROBI
JAN 2021 – MAR 2021

KENYA CERTIFICATE OF SECONDARY EDUCATION

SOLIAT BOYS HIGH SCHOOL,
KERICHO
FEB 2014 – NOV 2017

Executive Summary

A highly skilled and results-driven Civil Engineer Technician with extensive experience in designing, maintaining, and managing civil infrastructure projects. Proficient in using industry-standard software like AutoCAD, Civil3D, and ArchiCAD for drafting and design. Adept at overseeing construction activities, managing budgets, ensuring quality control, and adhering to safety regulations. Demonstrated success in delivering projects on time and under budget, with a strong focus on effective team management and resource optimization.

Professional Experience

Civil Technician KAA – JKIA Casual | Kenya Airports Authority, Nairobi | April 2022 – Present

- Perform general office operations, ensuring smooth administrative processes.
- Assist in the design, repair, and maintenance of aircraft pavements to ensure safe and efficient operations.
- Contribute to the development of engineering building drawings and design specifications for airport infrastructure.
- Oversee drainage maintenance activities to prevent flooding and maintain proper water flow across the facility.
- Prepare tender documents and quotations for various civil engineering projects.
- Support airside operations, including grass cutting and bush clearing, to maintain a safe and clean environment.
- Supervise casual laborers and ensure quality work standards are maintained.
- Manage both landside and airside operations, ensuring compliance with safety and operational procedures.
- Conduct regular inspections and assessments of pavements, roads, and other infrastructure to identify areas requiring maintenance or improvement.
- Assist in implementing safety protocols and regulations to ensure compliance with airport standards.
- Collaborate with other departments to ensure efficient operations and address any arising issues related to civil infrastructure.
- Provide technical support during the execution of civil works projects, ensuring adherence to timelines and budgets.
- Ensure effective waste management and environmental sustainability practices are followed in airside and landside operations.

Relevant Skills

AutoCAD & Civil3D
Drafting

Site Surveying and
Measurement

Structural Design Support

Project Management and
Coordination

Quality Control and
Assurance

Technical Drawing and
Blueprint Interpretation

Roadway and Pavement
Design

Drainage Systems Design
and Maintenance

Soil and Geotechnical
Analysis

Infrastructure Planning
and Development

Surveying Equipment
Operation

Problem Solving and
Troubleshooting

Team Supervision and
Leadership

Construction Site
Inspection and
Supervision

Resource Allocation and
Scheduling

Attachment – Engineering Department | Kenya Airports Authority – JKIA, Nairobi | January 2022 – April 2022

- Assisted in general office operations, supporting administrative tasks and ensuring smooth workflow.
- Participated in the design, repair, and maintenance of aircraft pavements to ensure operational efficiency and safety.
- Contributed to the creation of engineering building drawings and designs for infrastructure projects at JKIA.
- Assisted in drainage maintenance activities to ensure proper water flow and prevent flooding.
- Supported tender preparations and contributed to the preparation of quotations for civil works.
- Participated in airside operations, including grass cutting and bush clearing, to maintain a safe and clean airfield environment.
- Assisted in the supervision of casual workers, ensuring tasks were completed efficiently and to the required standards.
- Engaged in both landside and airside operations, ensuring compliance with safety and regulatory requirements.

Achievements

Managing a Successful Team: Supervised contractors working on critical areas such as Runways and Taxiways, ensuring the timely completion of high-priority projects with adherence to safety and quality standards.

Designing Projects Under Budget: Consistently developed and delivered projects under budget by applying effective cost management strategies and resource optimization.

Completing Projects Ahead of Schedule: Demonstrated strong time management skills by consistently completing projects ahead of schedule.

Professional Memberships

The **Institution of Engineering Technologists and Technicians of Kenya** Member Number 10552 – Civil Engineering Technician

Referees

Damaris Mutwii
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