

MILTON JORGE

Mechanical and Transport Engineer



Career Goal

I would like to apply the knowledge acquired during training in the field of engineering and continuously improve my skills in the face of the day-today challenges as a professional.



Professional Summary

I am an Engineer with a degree in Mechanical and Transport Engineering, and candidate to master's degree in petroleum engineering at UEM. currently working as a **Field Engineer**, where also acquire 11 months of experience at coal mine – Vale Mozambique (EngServ) in firefighting and Wash Water Project, and at aluminium smelter plant – Mozal (Excelien Group) working with maintenance of Plant wide Earthing and Lightning; 3 years' of Valuable work experience as a **senior evaluator, coordinator** of Machinery and Plant department at REC – Real estate consulting; 1 year as a **Maintenance Supervisor** at Hencon Machinery at Mozal. These opportunities offered technical and operational skills, on-site safe and fatality-free value delivery, and supervision.



Education

Bachelor's Degree in Mechanical and Transport Engineering
ISUTC – (2012-2017)

Department of Mechanical Technologies: 1st Level degree in Mechanical and Transport Engineering

Dissertation/Thesis: Design HVAC system for tobacco storage in BAT Mozambique | thesis subject: Refrigeration systems | thesis supervisor: Bernado Viandro Andaque

Thesis Mark: 15/20 | **Final Degree Mark:** 13/20 | **Graduation date:** 30/08/2017

PROFESSIONAL COURSES:

SAMTRAC
NOSA – (2021)

Certified by: Salosh (South African Institute of Occupational Safety and Health)

Description: HSE management | **Grade:** 85%

Oil and Gas
LATEORKE (2022)

Certified by: LATEORKE

Description: Oil and Gas Engineering | **Grade:** 90%



Professional Experience

Field Engineer
EngServ, Lda | Vale
Out.2021 – Present | Tete

Main activities and responsibilities:

Preparation of Daily progress report, according to the site activity.

Management of safety policies regarding the site activities.

Coordination of the scheduled activities and elaboration of the execution plan.

Assurance that all the related work is carried out with approved plan and drawings.

Supervision and delegation of activities priorities according to the client's requirements.

Acquired Skills and achieved objectives: I am exposed to several construction phases, starting from earth movements to the construction concrete base for water tank, pipeline, and Installations of firefighting system along the conveyor, wash water in operation area.

Project: Supply and install firefighting & wash water system along operational areas.

Junior Mechanical Engineer
Excelien, Lda | Mozal
May - Sep. 2021 | Maputo

Main activities and responsibilities:

Assurance that all works are carried out in accordance with approved construction drawings, specifications, schedule, quality, and safety procedures.

Preparation of weekly and monthly reports (KPI Report).

Preparation of work MS Report according to the scope of each project.

Supervision of daily operations including employee performance and safety.

Acquired Skills and achieved objectives: As my first start in steel construction and E&I maintenance experience, I was able to understand main aspect regarding safety work, steel structure erection, and electrical maintenance proceeds. Also, I was improving my communication skills as I was exposed to a multicultural work environment.

Project: Plant wide Earthing and Lightning Protection Services

Coordinator | Mechanical Engineer
REC, Lda.
Jun.18 - Apr.21 | Maputo

Main activities and responsibilities:

Management of schedules, adjusting workflows as needed.

Supervision of projects, and delegation priorities according to the client's requirements.

Proceeded with Technical inspection | Due diligence.

Acquired Skills and achieved objectives: I was able to understand the mains procedure for industrial processes, mineral extraction, fuel storage and Food industry.

Maintenance Supervisor
Hencon Machinery
Jun.17 - Jun18 | Maputo

Main activities and responsibilities:

Preparation of maintenance schedules with the manufacture specification and work environment; Inspection of mobile equipment for proactive detection of failures for maintenance; Overseeing maintenance work, calibration, and quality control.

Acquired Skills and achieved objectives: My first professional experience, I was able to understand the main aspects regarding the maintenance procedures and management.

CONTACT

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Location: Mozambique | Maputo

SKILL SETS

Autonomy **8/10**

Flexibility | Adaptably **8/10**

Ability to plan & organize **9/10**

Managing information **8/10**

Attention to details **9/10**

Learn continuously **10/10**

Achievements of objectives **9/10**

Teamwork **9/10**

Leadership **7/10**

Communication **8/10**

Resistance to stress **9/10**

IT | TECHNICAL SKILLS

Application Software

CAD – Assisted Design: **(Advanced)**

Simulation: **(Basic)**

Mathcad: **(Advanced)**

SAP2000: **(Basic)**

Maintenance Pro: **(Basic)**

Office Automation

Office Suite: **(Advanced)**

Presentation Software: **(Advanced)**

Spreadsheets: **(Advanced)**

Word processors: **(Advanced)**

Project Management: **(Advanced)**

FOREIGN LANGUAGE SKILLS

PORTUGUESE

Native

ENGLISH

Comprehension

B2

Speaking

B2

Writing

B2

ORGANIZATION

OEM – Work Permitter

Register Number: **5238 E**