

COSTA HENRY KAYOMBO

PERMANENT ADDRESS

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Date of birth: November 24, 1988.

Gender: Male.

Nationality: Tanzanian.

Communication skills: Fluent in written and spoken English and Swahili.

CAREER OBJECTIVE

To become part of diverse family of outstanding professionals, working to deliver value and develop my career.

PERSONAL PROFILE

A self-motivated, hardworking and intuitive Engineer, able to work on own initiative and as a part of a team. Ability to represents detailed reports of findings and recommendations both orally and in writing.

EDUCATION

- M.Sc. Petroleum Engineering, Aberdeen University, UK 2015 – 2016
Dissertation title: Well intervention with Composite Tubing (Coiled tubing)
- B.Sc. in Industrial Engineering and Management, University of Dar es Salaam 2009 – 2013

WORK EXPERIENCE

Project Mechanical Engineer Nov, 2018 – July 2019

Organization: SGR Petropower Engineering – Kinyerezi I Extension.

Natural Gas power plant. OCPP 185 MW

Duties:

- Provide on-site supervision needed to clarify drawings and discrepancies; coordinate interfacing of various trades; provide quality standards and reject improper installation; and alert supervisor to potential problems.
- Supervise craft crew to ensure completion of the work to schedule, quality and specifications
- Carry out all activities of safety to ensure all company personnel adhere to safety requirements
- Coordinates arrangements between craft personnel and subcontractors to provide appropriate work site access to all parties
- Ensure the allocation of construction work hours to relevant codes as well as preparing the weekly construction progress.
- Resolve complex problems that have implications beyond own area.

- Determine and recommend changes in methods, schedules, procedures, and improvements where practical on the project.
- Ensure proper paper flow of information from field to supervisor regarding delivery commitments, field dimensions, reports, and any other necessary correspondence.
- Review and approve technical specification during detail design and procurement contract. Ensure that the engineering and operations and maintenance aspects of the project requirements are reflected in the detailed design and procurement contract enquiry specifications.

Achievements- Kinyerezi I- Extension.

Natural Gas power plant.

- Turbines Erection – GT 5 and 6
- Pipe rack and Cable rack structure erections
- Platforms erection – GT 5, 6 and 7

Mechanical and Piping Engineer/Supervisor

Jul, 2017 – July, 2018

Organization: SCI Energy group – Kinyerezi II combined cycle power plant, 240 MW

Natural Gas + Steam power plant.

Duties:

- Supervise craft crew to ensure completion of the work to schedule, quality and specifications
- Carry out all activities of safety to ensure all company personnel adhere to safety requirements
- Coordinates arrangements between craft personnel and subcontractors to provide appropriate work site access to all parties
- Document all violations, notify project management, recommend and implement corrective actions as required.
- Ensure the allocation of construction work hours to relevant codes as well as preparing the weekly construction progress.
- Resolve complex problems that have implications beyond own area.
- Provide static mechanical and piping expertise to the project from detailed engineering, procurement, installation and commissioning phases.
- Participate in all key design, operability and maintainability reviews (Design review, hazop, PDMS Modal Review, Mechanical handling study etc.) and ensure timely close out of all review action items related to mechanical engineering.
- Review and approve technical specification during detail design and procurement contract. Ensure that the engineering and operations and maintenance aspects of the project requirements are reflected in the detailed design and procurement contract enquiry specifications.
- Support a very challenging EOR project with exposure to new technology and manufacturers across the globe. Working with OR & A team on flawless start up methodology to ensure the project robustness is an added advantage.

Achievements- Kinyerezi II Combined cycle power plant.

Natural Gas + Steam power plant.

- Fire pump station - Equipments installation and piping
- Fuel gas station – Equipments installation and piping
- Water treatment plant (WTP) - Equipments installation and Piping
- Air cooled condenser (ACC) – Erection of super and sub structure and other compiled equipments
- Platforms erection – HRSG'S, WTP, Fire pump station, ACC block I and II.

Field Engineer- Gas plant control room

Mar, 2015 – Sept, 2015

Organization: Tanzania Petroleum Development Corporation (TPDC) – Internship

Duties

- To Monitor plant performance
- Making adjustments to the Gas Plant Process Control parameters to produce Natural Gas within the required quality parameters
- Instruct Gas Plant Field Operators to make Field adjustments to equipment as required
- Responsible for the safe operation of all Facility Equipment/System including, but not limited to: Cryogenic Plant Processing, Fractionation units, Process Controls and Measurement Systems, Pumps, Pressure Relief System, Instrument Air System, Dehydrators, Fuel System

Logistic and Workshop supervisor

Aug, 2013 – March, 2015

Organization: Sincro sitewatch Limited**Duties:** Managing Procurement and supply of field and automotive materials as well Managing the overall workshop and other special technical projects e.g Engine recondition project.**AWARD**BG Scholar for BG Tanzania scholarship award for Geoscience and Engineering
M.Sc. Petroleum Engineering, Aberdeen University

2015/2016

SKILLS

- Conceptual skills, Interpersonal skills, Technical skills.
- Computer skills: : Microsoft Word, Microsoft Excel, Outlook, Power Point and Publisher, Computer Aided Designing and Drafting (CADD), Computer Aided Manufacturing (CAM), Basic knowledge in Computer Programming in C and JAVA

LEADERSHIP EXPERIENCE

- General Secretary for Institute of Engineers Tanzania (IET) – UDSM Jun, 2012 – May, 2013
- Secretary of Young African Sports Club-Airport branch Jun 2012- July 2014

MEMBERSHIP

- Society of petroleum Engineers, SPE International –Aberdeen
- Institute of Engineers Tanzania IET-UDSM chapter
- Tanzania Renewable Energy Association-TAREA
- Member and Founder of Youth Technology Initiative) YTI

INTERESTS AND HOBBIES

- Playing football
- Acquiring new knowledge through reading books and novels
- Watching movies and listening to news bulletin to stay current.

REFEREES

Eng. Tumaini Mgesa

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