



GOSSAI MOHEMMED

ELMAHI

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OBJECTIVE

A chemical engineer, skilled in all aspects of chemical engineering including computer simulation of processes, sizing of equipment and specifications.

I am keen to join a dynamic, successful company that challenges my problem-solving skills and allows me to further develop my knowledge and potential.

SKILLS

- Chemcad
- Aspen hysis
- Polymath
- Microsoft Office
- Process Simulation
- Hard work
- Communication Skills

LANGUAGE

- Arabic
- English

EXPERIENCE

2/2017 - 10/2019 Water Treatment Plant _Karay University

Quality Control Engineer

- Monitored operations output and associated production standards .
- Provided engineering support to the quality control Department.
- Accepted or rejected product samples after full quality engineering inspection.
- Inspected approximately 200 Sample per day from fresh water and product (refinate and premeate) according to approved standards .
- Scheduled testing activities in coordination with the production and planning departments.
- Removed and documented all rejected product samples in the appropriate log books.

9/2015 - 2/2017 Water Treatment Plant _Karary University

Chemical Process Engineer

- Led startup and shutdown procedures, maintaining compliance with plant operations manual and technical guidelines , Managed operators in chemical processing plant, maintaining overall product quality.
- Developed processes based on critical needs, preset efficiency standards and cost reduction measures , researched and developed manufacturing processes to reduce production time and established proper processes to meet production capacity demands.
- Designed and simulation Process Flow Diagram (PFD) and Process and Instrument Drawing (P&ID) for corporate training manuals.
- Oversaw solution production (premeate) , including pretreatment process and Reverse Osmosis (RO) .
- Undertook preventive maintenance and safety inspections operations and do Key Performance Indicators (KPI).
- Evaluated production activities (Premeate and Refinate) and provided suggestions for quality improvements and cost control.

EDUCATION

2015

Karary Univesity

Bachelor degree of chemical engineering
good

2009

Hassan Ahmed Albasher Secondary School

Sudanese higher school diploma
Excellent

COURSES

Mass Transfer Operation

Flash Separation

Petroleum Process

Mass Balance And Energy Balance

Petrochemical Process

Mass Transfer And Energy Transfer

