MOHAMED ABU-ELGASIM KHAIRY SULIMAN

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Personal summary:

Dynamic and successful process engineer; I have had the opportunity to expand my engineering horizons during my previous work as project engineer and my current position as process engineer, I also have many job-related skills such as but not limited to self-motivation, communication, decision making, and man power management.

Career Objective:

I aspire for a challenging position in a process engineering sector where I can utilize and enhance my professional skills, and also commit myself for achieving company objectives with the team effort and my positive attitude and performance.

Chemical Engineer Objective:

- Strictly following standards, and company policy.
- Saving energy and expand existing plant capacity, by identifying ways to optimize performance.
- Reducing corrosion and equipment failures.
- Trouble-shooting problems with chemical manufacturing processes.
- Developing process calculations (mass/heat balance, sizing calculation, chemicals consumption, and process simulation).
- Following HSE regulations.

Professional Qualification:

B.S c.degree in Chemical Engineering (Second Class-Division One), University of Science and Technology, 2012.

Training:

- First mechanical training.
- Al junaid sugar factory, in production department.
- Best Food Factory, completed training in all section of the factory.
- Yarmouk Industrial Complex, at electroplating factory.
- Alsalam Cement Production Company. In production department and quality control department.

Career history:

- Sudanese Thermal Power Generating Co. Ltd. As operation engineer am responsible of control and monitor plant operation, and troubleshooting processes. And I had also work as utility process engineer responsible for utility facilities including Demineralization water plant, Industrial waste water plant, and sanitary water plant with biological treatment, boiler dosing station and cooling water dosing station. Evaluating equipment and processes continuously to ensure maximum efficiency is my core job. From 7/2016 up to now.
- Ministry of Industry, from 4/2015 to 6/2016 as industrial officer. My tasks included industrial R&D, insuring compliance of manufacturer with internal regulations and protocols, also in this period I have the opportunity to learn and practice cost estimation, data collection, presenting data and making reports.
- HighTec Steel Company, OXYGEN PLANT, participating in commissioning of the plant, my task includes overseeing process, troubleshooting, and training of technician. In the period from 2/2015 to 18/4/2015.
- Marhab Oil Mills Company Ltd, quality control engineer with good understanding of the process and operation. In the period from 11/2014 to 1/2015.
- Alaa powder detergent factory. As process engineer optimize and control the chemical process from the control room. From 5/2014 to 9/2014. Reason for leaving: financial problem.
- HighTec Steel Company, I was part of a team that install cryogenic air separation plant "oxygen unit", working closely with mechanical & electrical engineers as team work to finish the job. In the period from 3/2014 to 5/2014. Reason for leaving: Due to some problem in electricity the project was still for a while.
- Dubai Steel manufacturing Factory. Having direct responsibility for quality control of product, and as alloying engineer, also supervising the worker and organize the production. In the period from 12/2013 to 4/2014. Reason for leaving: Transferred to other factory in the same company.

Technical Skills:

Matlab, Aspen Hysys, Chemcad, PLC programming (primary level), Microsoft Office Word, Excel.

Courses:

- Operation management, IMI new Delhi.
- PDP program at Garri 4 power plant "Component, operation procedure & troubleshooting of boiler, turbine & auxiliaries".
- Communicating across culture, British council.
- Small and Medium Enterprise Development and Promotion, JICA Japan.
- Water Treatment & Corrosion, Training & Integrated Development Center [Um Haraz].
- Self-learning about Pumps (type ,selection and troubleshooting) - process control- plant valves- Distillation column- compressors- P& ID diagram- Heat exchangers- Corrosion science- instruments- Boiler, and other chemical process. In the period from 10/2014 to 11/2014.