

Holds a B. Sc. in Chemistry and a Diploma in Biochemistry. Has about 10 years experience working as Chemist, responsible for production, quality and laboratory.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1992
Gender : Male
Marital Status : Single
Residence : El-Behira

EDUCATION

: B. Sc. in Chemistry, Al-Azhar University, 2014
: Diploma in Biochemistry, Port Said University, 2015

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Project

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2022 till now
Employer : Nubaria Sugar and Refining Company
Job title : Production Engineer
Job Description :

- Working as a Production Engineer responsible for extraction, purification, and filtration using filter presses and a new design of candle filters, as well as evaporation with a falling film system.
- Operating the Distributive Control System (DCS) and other available controls and indications.
- Investigating lab analysis and taking corrective actions to avoid any diffraction and fulfill specifications of intermediate and final products.
- Making site walks during shifts to check equipment and operations.
- Coordinating with all departments to fix any problem related to the production line.
- Successfully achieving production goals while adhering to established quality and safety standards.

- Managing daily staffing needs across multiple production lines and resolving attendance issues as they arise.
- Directing production processes for each line and preparing production schedules to ensure optimal efficiency.
- Reviewing operating instructions from the shift manager and implementing any necessary changes.
- Coordinating with the Maintenance department to ensure maintenance schedules were implemented without disrupting production targets.

Dates	:	From Feb. 2018 till Jan. 2022
Employer	:	Evergrow for Specialty Fertilizers
Job Description	:	<ul style="list-style-type: none"> • Production Engineer (Feb. 2020 – Jan. 2022): <ul style="list-style-type: none"> - Meet production quality and delivery timelines, plan staff schedule, and provide training and coaching on equipment operations and safety rules. - Perform regular maintenance to ensure proper working order of equipment and comply with government regulations for operator health and safety. - Control raw material consumption, monitor process parameters using SCADA, and ensure compliance with quality management systems. - Manage service vendors for good quality and condition, maintain clean and safe warehouse and operation area. - Adhere to KPI targets set by the Plant Manager, follow production plans and instructions, and supervise maintenance implementation. - Monitor production process, reduce waste and time, execute orders, and prepare detailed production reports. - Implement production plans while maintaining quality, safety, and efficiency of equipment. - Review production plans, examine the plant, and optimize labor performance to increase productivity and reduce costs. • QC Chemist (Feb. 2018 – Feb. 2020): <ul style="list-style-type: none"> - Working in department of laboratories and research. - Working on instruments such as IR moisture determination balance, Hach Spectrophotometer, Flame photometer, Calcimeter, Fluoride ion selective electrode and U. V spectrophotometer. - Responsible for all laboratory reports related to ISO systems. - Make standardization for all solutions and make calibration of all instruments. - Determination the Concentration of any element and heavy metals by ICP "inductive coupled plasma". - Shared in the startup in Evergrow factories "potassium sulphate, grano potassium sulphate, calcium chloride, sulphoric acid, phosphoric acid" and participated in the development of methods of analysis of all of them in all stages of production. Approve or Reject of Raw materials. - Complete water analysis for unit's water treatment and cooling water treatment "Cooling Towers".

Dates	:	From Dec. 2015 till Feb. 2018
Employer	:	El-Hassan & El-Hussein Group for food

Job title : QC Chemist

Job Description :

- Follow up and control on the stages of the treatment processes in the Factory.
- Responsible for monitoring and controlling the stages of the treatment processes in the factory, ensuring adherence to quality standards.
- Applying quality specifications (GMP - HACCP - ISO 22000 - FSSC).
- Conducting thorough inspection and comparison of raw materials against the standard specifications, validating suppliers and following up new designs of these raw materials.
- Overseeing the finished product during the incubation period in the store and conducting inspections before shipment. monitoring and supervising the cleaning and sanitation processes for the factory and ensuring operator hygiene.
- Conducting chemical analyses of samples taken from stages of the water treatment plant and production lines, as well as all microbiological and chemical analyses of finished products during the incubation period in the store.

Dates : From Oct. 2014 till Nov. 2015

Employer : Aqua International for food industries

Job Description :

- For Quality:
 - Receipt of all raw materials and comparison with the standard Specifications.
 - Follow up the finished product during the incubation period in the store and inspect it before shipment.
- For Laboratory:
 - Responsible for all microbiological and chemical analyses in the laboratory.
 - Responsible for all laboratory reports related to quality systems.
 - Follow up the finished Products during the incubation period in the store and analyze it before the shipment.

Skills:

- I have CCNA and CCNP.
- Efficient in handling the tool calibration logs, monitoring the reactive products, analysis of the raw materials and finished products, etc.
- Knowledge of health and safety practices related to handling chemicals and hazardous materials, including proper storage, labeling, and disposal procedures.