

Holds a B. Sc. in Chemical Engineering and has over 3 years experience working as Process and Production Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/01/1995  
Gender : Male  
Marital Status : Single  
Residence : Qalubia

## **EDUCATION**

: B. Sc. in Chemical Engineering, El-Shorouk Academy, 2018

## **LANGUAGES**

Arabic : Native Language  
English : Excellent  
French : Basics

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

- : Safety training course, Egyptian Engineers Syndicate (May 2022).
- : Awareness and internal audit program (ISO 22000:2018) (GQS) (Mar. 2022).
- : Awareness and internal audit program (ISO 9001:2015 / ISO 14001:2015 / ISO 45001:2018) (GQS) (Sep. 2021).
- : Basic chemical process control (online course) (Oct. 2020).
- : Business management, King's College London (online course) (Mar. 2020).
- : Summer Internships at:
  - ABU ZAABAL COMPANY FOR FERTILIZERS AND CHEMICALS (Jun./Jul. 2015).
  - United Gas Derivatives Co. (Jun./Jul. 2016).
  - United Gas Derivatives Co. (Jun./Jul. 2017).
  - Cairo Oil Refining Co. (Jul./Aug. 2017).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2022 till now  
**Employer** : Tagaddod Co.  
**Job title** : Process Engineer  
**Job Description** :

- Control, operation process, and production facilities of biodiesel from used cooking oil refining through standard operation procedure (SOP).
- Supervising the collection of waste oils and fats.
- Supervise the operation of pumps and compressors and Boilers.
- Maintain standards of health and safety, hygiene and security in the work environment.
- Intimating all machine issues to maintenance to include it in the preventive maintenance plan.
- Introduced process control methodologies for operational improvement and process capability.
- Applied statistical quality control to verify the accuracy of product specifications and process capability.
- Ensured product quality conformed to rigid standards and controlled specifications.
- Diagnosed problems, determined root causes, and implemented corrective actions, monitored process parameters, and implemented controllers to minimize fluctuations.

**Dates** : From Aug. 2021 till Aug. 2022  
**Employer** : 3Mas Investment Co. – Bubbles  
**Job title** : Production Engineer  
**Job Description** :

- Control, operation process, and production facilities of baby bottle plastic polypropylene manufacturing stages by Haitian plastics machinery group.
- Oversee the Production and Plant operations on daily basis.
- Process control, matching Chemical & Physical specs of Bulk for the Manufacturing Process.
- Review and update Consumables, chemicals, spare parts, and operation budgets as planned.
- Maintain standards of health and safety, hygiene and security in the work environment.
- Develop raw materials and utility consumption plans and report progress against these plans.
- Utilized Statistical Process Control (SPC) strategies to identify trends in production and adjust operations accordingly.
- Implemented a process optimization system to ensure production targets were met while increasing product quality.
- Supervising the level of production efficiency and working on developing and improving it continuously.
- Intimating all machine issues to maintenance to include it in the preventive maintenance plan.

**Dates** : From Feb. 2020 till Aug. 2021  
**Employer** : Eg Paper Co.

- Job title** : Process Chemical Engineer
- Job Description** :
- Monitoring and supervision of auxiliary units which include, all preparation stock, coarse screen, high density cleaners, low density cleaners, pressure screen, reject screen, reject sorter, hydra-sieve, float purger and stock dryer. Preparing the starch, aluminum sulphate and various chemicals that go into the paper manufacturing stage.
  - Ensure that final product meets quality standards.
  - Supervise the operation of pumps and compressors, chiller, and Boilers.
  - Preparing reports by collecting, analyzing and summarizing data.
  - Researched, designed and implemented numerous process improvements to increase productivity and reduce raw material waste.