

Holds a B. Sc. in Chemical Engineering and has more than 1 year hands-on experience working as Chemical / Process / Operation Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 31/08/1993
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

- : B. Sc. in Chemical Engineering, Alexandria University, 2016
- : Studying for M. Sc. in Process Engineering, Cairo University

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel), Internet
- : Matlab
- : Aspen HYSYS
- : Chemcad, WinSim inc and AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : HYSYS, Modeling and Simulation, Faculty of Engineering, Alexandria (2017).
- : Diploma in supply chain and operation management, Alison (2017).
- : Training at Alexandria Fertilizers Co. (ALEXFERT) (2015): Trained in unit operations and unit processes in ammonia and urea plants.
- : Training at Sidi Krir Petrochemicals Co. (SIDPEC) (2014):
 - Introduced to manufacturing processes in ethylene and polyethylene plants.
 - Introduced to fundamental tools which are used to design, manage, operate a chemical plant safely in petrochemical plants.
- : Training at Egyptian Projects Operation and Maintenance (EPROM) (2013).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2016 till now
Employer : Misr Chemical Industries Co. (MCI)
Job title : Process / Operation Engineer
Job Description :
 - Excellent experience in PFDs, PIDs, ESD, SIL and interlock system.
 - Good experience in process safety, specifically relating to Process Risk Management deliverables, Risk Assessment, HAZOP.
 - Perform process simulation & Process calculations for different units.
 - Reviewing material and energy balance for different Units.
 - Pre-commissioning and commissioning activities in Electrochemical Plant.
 - Start-up and normal operation of electrochemical and chlorine plant.
 - Working on Siemens DCS S7 system with very good knowledge of its control logic and interlock description.
 - Good experience in chlorine refrigeration unit and Storage.
 - Calculation the daily production, Monitor performance.
 - Excellent experience in troubleshooting.
- Dates** : From Jul. 2016 till Nov. 2016
Employer : Moharam Plast Co.
Job title : Chemical Engineer
Job Description :
 - Follow up implementation of extrusion process and controls the parameters of manufacturing process.
 - Dealing with different grades of polyethylene and polypropylene as raw materials.
 - Participate with R&D team to develop our products.
 - Study the role of different additives to raw materials to get desired properties.