

Holds a B. Sc. in Mechanical Engineering and has more than 3 years hands-on experience working in construction, design and technical office.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 21/07/1994  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Alexandria University, 2017  
: Secondary Education: Collège Saint-Marc, Alexandria, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
French : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD Plant 3D, P&ID, AutoCAD 2D, Navisworks, Hap, MS Project, EES

## **TRAINING COURSES AND CERTIFICATIONS**

- : Vibration monitoring and analysis, Oil & Gas Skills (category I) (2017):
  - Fundamentals of vibration.
  - Maintenance types.
  - Probe types, selection and fixation.
  - Vibration measurement points.
  - Diagnosing machine faults.
- : Machine alignment and balancing, Oil & Gas Skills (2017):
  - Misalignment types.
  - Sources of misalignment.
  - Alignment tools and techniques.
- : Pumps, Compressors and Gas turbines, Oil & Gas Skills (2017):
  - Types.
  - Operation.
  - Selection and troubleshooting.

- : Trainings at:
  - Egyptian Linear Alkyl Benzene Company (ELAB), Alexandria (Aug. 2016).
  - Egyptian Natural Gas Company (GASCO), Alexandria (Aug. 2015).
  - Arab Petroleum Pipelines Company (SUMED), Alexandria (Aug. 2014).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2019 till now
- Employer** : PuriChem Integrated water solutions
- Job title** : Design & Project Engineer
- Job Description** :
- Preparation of designs, mechanical shop drawings and Engineering Package of the project (P&ID, PFD, Layouts, 2D and 3D Drawings, piping Isometrics, System Logic, alarm and Interlocks List, ...).
  - Calculation of MTO for water/wastewater engineering projects (piping, fitting, Instrumentations, ...).
  - Perform equipment selection and prepares technical submittal.
  - Develop PFD and P&ID's along with process control systems using AutoCAD.
  - Responsible for Isometrics, 2D and 3D drawing for piping system using AutoCAD Plant 3D.
  - Responsible for the preparation of the Maintenance schedule for the handed over projects.
  - Prepare basic time schedule for the project using Microsoft Projects.
  - Plan, schedule and coordinate project activities to meet deadlines.
  - Prepare as-built drawings at the end of the project and hand over to the project consultant.
  - Generally responsible for monitoring of all mechanical related works onsite as per approved drawings and methods and safety rules.
  - Responsible for site work fabrication till commissioning and start-up of the project.
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- Dates** : From Dec. 2017 till Jan. 2019
- Employer** : Petrojet
- Project** : Ain Sokhna Phosphate Fertilizer Complex
- Job title** : Mechanical Construction Engineer
- Job Description** :
- Responsible for the erection of the equipment onsite including static, rotating equipment and Solid handling.
  - Responsible for the construction and erection of belt conveyors, Bucket elevators, chain conveyors and screw conveyors.
  - Installation of rotating equipment as pumps, compressors and agitators.
  - Installation of static equipment as hoppers, chutes, vessels and filters.
  - Ensuring that all materials used and work performed are as per specifications drawings.
  - Ensuring smooth handling of equipment to Qc department after cleaning all punch lists.