

Holds a B. Sc. in Mechanical Engineering and has about 8 years hands-on experience working in maintenance and operation.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 03/11/1989  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Alexandria University, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Siemens SPPA-T3000  
: Hourly Analysis Program (HAP)  
: Duct and Pipe sizer  
: Cool Pack  
: Autodesk AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: Training in Combined Cycle Power Plant Operation, SIEMENS POWER ACADEMY (Aug. 2016): Foundation Training, Basic Operation for Open Cycle, Component Specific Open Cycle, Simulator Training, Basic Operation for combined Cycle and Component Specific Open Cycle (6 months - Germany).  
: Training in First Aid, Egyptian Red Crescent (20 hours) (Sep. 2015).  
: Gas Compressor Operation, Selection, Troubleshooting and Maintenance, Oil & Gas Skills (OGS) (30 hours) (Sep. 2012).  
: Autodesk Inventor, Je telecom - Egypt Training Center (30 hours) (May 2012).  
: Matlab (Analysis & Application), Future Training Center (18 hours) (Feb. 2012).

- : Risk Assessment safety (OSHA), Knowledge Training Company (4 hours) (Dec. 2011).
- : ICDL (International Computer Driving License), Endorsed by Ministry of Communications and Information Technology - Egypt with the support of UNESCO (56 hours) (Aug. 2010).
- : Training in Maintenance of Automotive, Alexandria, Speranza - Egypt (Abu Fotouh) (Jul./Aug. 2011).
- : Training in Flat Department, Alexandria, Egypt, AL EZZ DEKHILA STEEL COMPANY (Jul./Aug. 2010).
- : Training in Maintenance of Stationary and rotary Equipment & Air Conditioning, Alexandria, Egypt, MIDDLE EAST OIL REFINERY (MIDOR) (Jul. 2010).
- : Training in Power Station Operation, Alexandria, Egypt, West Delta Electricity Production Training Centre Abu Qir (Aug./Sep. 2009).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2017 till now
- Employer** : SIEMENS
- Project** : Burullus Combined Cycle Power Plant (4800MW)
- Job title** : Operation Engineer
- Job Description** :
- Perform all duties related to the monitoring, maintenance and operation of plant auxiliary equipment, including periodic walk downs of the boiler and turbine buildings as well as outside locations such as the cooling towers and storage tank.
  - Knowledge and understanding of all plant safety regulation, knowledge of the locations and be able to use firefighting equipment.
  - Perform tag out and lockout procedures on electrical and mechanical equipment.
  - Cooperation with maintenance department to identify and troubleshoot plant equipment to perform mechanical, electrical and instrument maintenance as required.
  - Attain proficiency in performing the duties of the Control Room Operator.
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- Dates** : From Jul. 2015 till Aug. 2016
- Employer** : Mahmood Saeed Beverage Can & End Industry (Egypt), Cairo-Alex desert road
- Job title** : Maintenance & Operation Team Leader
- Job Description** :
- Receive the equipment from the manufacturer.
  - Build the spare parts history for all machines.
  - Build the PM system by using the equipment history.
  - Create the SOP's for the equipment.
  - Draw the hydraulic circuits and build the preventive maintenance for equipment.
  - Follow the contractors schedule and the due to date.
  - Engaged in HACCP team.
  - Follow any mechanical installation and steel fabrication at the site.
  - Work in local purchasing items.
  - Prepare the planned maintenance repair schedule especially in the shutdown.

- Make sure and following the applying of the daily inspection schedules and PM schedules.
- (Daily, weekly, monthly, annually) Like greasing, lubrication, part lifecycle and clean of the equipment.
- Allocate the technician on the daily tasks and follow their achievement.
- Create a tracking sheet for the work progress.
- Ensure the applying of HSE (Environmental Health & Safety), Quality & Industrial management System are respected and fulfilled.
- Supervise on operation and maintenance of Utilities such as: Compressors, cooling towers and Vacuum pumps.
- Supervise on operation and maintenance of RO & DI water station.
- Supervise on operation and maintenance of Industrial waste water station.

<b>Dates</b>	:	From Jun. 2014 till Jul. 2015
<b>Employer</b>	:	El-Fath for Pharma & Cosmetics Industries (Fipco), Borg El-Arab
<b>Job title</b>	:	Operation & Mechanical Maintenance Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Planning the production activities.</li> <li>• Create work element sheets to standardize the work process to reduce time waste.</li> <li>• Make production and maintenance daily reports to archive and build the product and equipment history.</li> <li>• Ensure the line availability all the time.</li> <li>• Monitoring, measure, inspect and test activities specific to the product and criteria for product acceptance.</li> <li>• Build the spare parts plan to distribute it along the year and reduce the inventory and spare parts stock.</li> <li>• Participate with colleagues in Kaizen events to improve the process.</li> <li>• Check for the planned arrangement is carried out.</li> <li>• Apply necessary action to ensure that the process is always fulfill requirements and eliminate any problems appear.</li> <li>• Work on solve problems by analytical methods like cause and effect diagram.</li> <li>• Include it brainstorming and to give each cause a weight and try to solve it and prevent it from happening again.</li> <li>• Plan and develop the process needed for product realization by reducing Any wastes and applying the Le like 5s's, visual management.</li> <li>• Responsible on operate the Autoclave in the production line of intravenous solutions.</li> <li>• Maintain any component or device related by Autoclave such as: (pumps, valves).</li> <li>• Deal with Steam line and Air compressed line and their components and maintain it.</li> <li>• Maintain the tanks in the production line of solutions dialysis and its auxiliary such as: (pumps, motors, and impeller).</li> <li>• Ensure the applying of HSE (Environmental Health &amp; Safety), Quality &amp; Industrial Management System are respected and fulfilled.</li> </ul>