

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

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/10/1986  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2009

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD (2D & 3D), Primavera, Matlab, Automation Studio  
: Macromedia Flash, Director, Power Point and web design with FrontPage and HTML  
: Database ORACLE 10g program

## TRAINING COURSES AND CERTIFICATIONS

: BWADC Training Center, Damanhour (Jul. 2011):

- Training of trainers (TOT).
- Improved Water & Wastewater Service Program (IWSP).

: EAAC & MIHAN MISR, Alexandria (Apr. 2010):

- Maintenance and operation for compressors.
- Maintenance and operation for gas turbine.
- Maintenance and operation for centrifugal pump.

: West Delta Electric Production Co. (Aug. 2008):

- How to operate and control steam stages in steam stations.
- Monitor water treatment which operates the station.

: Alexandria Petroleum Maintenance Co. (PETROMAINT) (Aug. 2007):

- Identify various types of pumps and its application and operation.
- Identify types of mechanical seals and how install and maintenance it.

- Identify various types of maintenance plan and suitable program for different application.
- : West Delta Electric Production Co. (Jul. 2007):
  - Introduction about operation and maintenance of gas turbine.
  - Identify various types of bearing and its application.
- : EAAC Training Center, Alexandria (Feb. 2007): Identify various types of (grease & oils) and its application.
- : EAAC Training Center, Alexandria (Feb. 2007):
  - Identify how combustion engine work and its parts.
  - Identify cycles in internal combustion engine (air cycle – fuel cycle – oil cycle – cooling cycle).
- : West Delta Electric Production Co. (Aug. 2006):
  - Identify the types of plants produce electricity.
  - Identify the theory and the stages of steam, gas and combined stations.
- : Certificate in COMMUNICATE WITH POWER by Brian Tracy.
- : Certificate in FOCUSING ON YOUR PRIORITIES by Brian Tracy.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2016 till now
- Employer** : Beheira Potable Water & Sanitary Drainage Co., Damanhour
- Project** : Damanhour 2 Water Treatment Plant
- Job title** : Senior Engineer
- Job Description** : Responsibilities as a Maintenance & Operation Engineer included:
- Standard operation of pump stations such as (filtered water pumps & wash water pumps & raw water pumps and .....etc.).
  - Preparation of preventative maintenance programs for all processes of the plant.
  - Maintain and reinstall various types of mechanical equipment.
  - Calibration and installation of different measuring devices (turbidity – residual chlorine – flow meters – pressure meters – level meters).
- 
- Dates** : From Apr. 2015 till May 2016
- Employer** : Beheira Potable Water & Sanitary Drainage Co., Damanhour
- Job title** : Director of Metal Forming and Casting Department
- Job Description** :
- Implementation of the company's needs of mineral products from cast iron, copper and aluminum for:
    - Mechanical structures of various diameters of all water networks.
    - Mechanical installation of sewage networks in all different diameters.
    - Mechanical parts needed for installation of water & wastewater treatment facilities and pumping stations.
    - Mechanical parts needed for Maintenance of water & wastewater treatment facilities and pumping stations.
  - Provide other water & wastewater companies of mineral products.
- 
- Dates** : From Apr. 2013 till Mar. 2015
- Employer** : TECHNO STAR EGYPT for Instrument & Control Solution, Helwan
- Job title** : I&C Engineer

- Job Description** : • Maintenance and calibration various types of instruments devices.  
• Installation various types of instruments devices.
- Dates** : From May 2010 till Mar. 2013
- Employer** : Beheira Potable Water & Sanitary Drainage Co., Damanhour
- Job title** : Mechanical Maintenance Engineer
- Job Description** : • Conducting mechanical maintenance equipment related to water and wastewater treatment and distribution works.  
• Participate as a Trainer in BWADC Training Center.  
• Trainer of courses, including (maintenance of pumps – calibration and maintenance of various types of instruments devices).  
• Preparation of preventative maintenance programs for various pumping stations.  
• Maintain and reinstall various types of pumps and valves.  
• Maintain various types of diesel generations.  
• Calibration and installation of different measuring devices (turbidity – residual chlorine – flow meters – pressure meters – level meters).  
• Performing regular maintenance activities for pumping stations.  
• Installation of valves with electrical actuators.
- Dates** : From Dec. 2009 till Apr. 2010
- Employer** : The Jewell for Food Industries Co., Damanhour
- Job title** : Mechanical Maintenance Engineer
- Job Description** : • Maintain of mechanical equipments for potato chips production line.  
• Maintain of service equipments such as (lifting trucks and diesel generations).
- Field of experience** : • Experienced as a Trainer in fields:  
- How to calibrate and maintain instruments in water and wastewater treatment plants.  
- How to operate and maintain pumps in water and wastewater treatment plants.  
- How to make a maintenance plan for mechanical equipment in water treatment plants.  
• Experienced in pumps and air blowers maintenance.  
• Familiar in the mechanical design of water and wastewater treatment facilities and pumping stations.  
• Familiar with the design of pipe line systems and required pumping station.  
• Familiar with instrumentation design and devices of water and wastewater treatment facilities and pumping stations.  
• Familiar in preparation of proposals, contract documents and other procurement related documents.