

Holds a B. Sc. in Mechanical Power Engineering, a Diploma in Mechatronics Engineering and a Diploma in Power Generation Plants Engineering. Has about 12 years hands-on experience working in operation and construction.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 14/06/1981  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## EDUCATION

- : B. Sc. in Mechanical Power Engineering, Alexandria University, 2006
- : Diploma in Mechatronics Engineering, Jointed Masters program in Applied Mechatronics between ITI (Egypt) & University of Paderborn (Germany) as a scholarship from the Egyptian Government, Information Technology Institute (ITI), Smart Village, Cairo, 2008
- : Diploma in Power Generation Plants Engineering, Kafr El Sheikh University, 2018

## LANGUAGES

Arabic : Native Language  
English : Excellent  
German : Fair

## COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Access, Power Point), Internet
- : Unix, Linux
- : Programming Languages: Q basic, Assembly, C, C++, Java
- : LAB programs: MATLAB (SIMULINK - Programming), LABVIEW
- : Mechanical programs: AUTOCAD, Autodesk Inventor, ADAMS
- : Control programs: Automation Studio, LOGO (PLC Ladder Diagram and Function Block Diagram programming), SIMATIC Manager (PLC)
- : Account Manager

## TRAINING COURSES AND CERTIFICATIONS

- : Non Destructive Testing (NDT) according to (ASNT):
  - Level II in Radiographic Testing (RT).
  - Level II in Penetrant Testing (PT).
- : TOEFL PBT score: 563, Berlitz ENGLISH Course.
- : ZFD German Course.
- : Contracts and Purchases Course, Arabian Center for Consultations & career Development (ACCCD).
- : Negotiation Skills, Center for Consultations & Career Development (ACCCD).
- : Presentation Skills, Information Technology Institute (ITI).
- : Technical Writing Skills, Information Technology Institute (ITI).
- : Communication Skills, Information Technology Institute (ITI).
- : Gas turbine of Mitsubishi Operation, El-Atf Power Plant.
- : (QEHS) Quality Environmental Occupational Health and Safety, El-Atf Power Plant.
- : Fire Fighting, Damanhour Fire Station.
- : Power Plant Transformer oils testing, El-Atf Power Plant.
- : Gas turbine of Mitsubishi Operation and performance curves, El-Atf Power Plant.
- : Programmable Logic Control (PLC), Pneumatic Control, Technology Competency Center (TCC), Cairo (Jun. 2008).
- : Power Electronic Systems, Measurement Systems and CNC machines, Cairo University and Ain Shams University Labs, Cairo (May 2008).
- : Servo mechanism systems, Scientific and Technologic Distinction Center, Egyptian Ministry of Military Production, Cairo (Mar. 2008).
- : Team of Tempus Mekatron Project by JKU University in Linz, Austria, in Hydraulic Servo Control Systems, Ain shams university, Cairo (Feb. 2008).
- : Unionaire Factory for air conditioning, 6th of October City (Jul. 2007).
- : NUBARIA Power Station, SIDI KRIR (3 & 4) Power Station, Alexandria (during graduation project period, 2006).
- : SIDI KRIR (1 & 2) Power Station, Petrochemical Company, Alexandria (during Water Treatment Course Study Period, 2006).
- : Damanhour Power Station, Behira (Jul. 2004 and Jul. 2005).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2012 till now  
**Employer** : Middle Delta Electricity Production Co. (MDEPC)  
**Project** : El-Atf Power Plant Combined Cycle 750MW  
**Job title** : Operation Engineer of MHI Gas Turbines (2x250MW)

**Dates** : From Dec. 2010 till Jun. 2012  
**Employer** : Kharafi National Co. (KN)  
**Projects** :

- 200 m<sup>3</sup>/hr potable/RO/ Demin, West Damietta water treatment plant and service/potable/RO/Demin, Water pump station, West Damietta (from Apr. 2012 till Jun. 2012)

- 500MW West Damietta Power Plant simple cycle, 4 Gas Turbines (GT), each 125MW, supplied by GE, West Damietta (from Oct. 2011 till Jun. 2012)
- 300 TR chilled water system Air Conditioning at El-Shabab Power Plant, Ismailia (from Aug. 2011 till Sep. 2011)
- 315 m3/hr potable/RO/ Demin, El-Shabab water treatment plant and service/potable/RO/Demin, Water pump station, Ismailia (from Jul. 2011 till Sep. 2011)
- 72 m3/hr industrial waste water treatment plant (IWWTP) and 72 m3/hr sewage water treatment plant (SWTP), Ismailia (from Jul. 2011 till Aug. 2011)
- 1000MW El-Shabab Power Plant simple cycle, 8 Gas Turbines (GT), each 125MW, supplied by GE, Ismailia (from Dec. 2010 till Jul. 2011)

**Job title** : Mechanical Project Engineer

**Dates** : From Jul. 2009 till Nov. 2010

**Employer** : Behira Water and Drainage Co. (BWADC) - Projects Section, Electro-Mechanical Department, Behira

**Projects** :

- Damanhour (1) drinking water treatment plant, 1000 l/s
- Nubaria drinking water treatment plant, 600 l/s
- Edko Sewage water treatment plant 10 000 m3/day
- Damanhour sewage water lifting pump station 220 l/s
- Magd (1) sewage water lifting pump station 200 l/s
- Magd (2) sewage water lifting pump station 200 l/s
- Aryamon sewage water lifting pump station 200 l/s
- Aryamon Sewage water Network
- Design and supervision for cooling load, duct sizing and air distribution of BWADC's hotel and central Lab, 150 TR air conditioning (Central, concealed, free stand, cassette, split and windows units)

**Job title** : Electro-Mechanical Project Engineer

**Dates** : From May 2008 till Jun. 2009

**Employer** : El-Nour Co., Behira

**Project** : NUBARIA Power Plant, Module III 750MW Combined Cycle, HRSG A and HRSG B, Behira

**Job title** : Piping Construction Engineer

**Dates** : From Jun. 2006 till Sep. 2007

**Employer** : DAR EL-MOHANDESEN CO. for Air Conditioning, Behira

**Job title** : Maintenance Engineer

**Further experiences** : Owner and General Manager for a small project to plastic pipe production by extrusion technique, pipe Diameters 16, 19, 23 and 29 mm (from Dec. 2008 till Sep. 2014).