

Holds a B. Sc. in Mechanical Power Engineering and Master of Engineering in Steam Power Plant. Has over 14 years hands-on experience working as DCS Control Room Operator and Commissioning Engineer at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/05/1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2007
: Master of Engineering in Steam Power Plant, 2015
: Secondary Education: Advanced Industrial Technical School Diploma (5 years), 2002

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D & 3D
: Matlab
: Engineering Equation Solver (ESS)

TRAINING COURSES AND CERTIFICATIONS

: TOEFL Certification from Faculty of Arts, Alexandria University (Jun. 2015).
: Pump Maintenance (in EAAC Center) (Feb. 2007).
: Lubrication (in EAAC Center) (Jan. 2007).
: AutoCAD (in EAAC Center) (Mar. 2007).
: At Abu Qir Training Center:

- Steam power plants operation and maintenance.
- Water desalination (MSF).
- Vibration Analysis.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2008 till now
- Project** : SIDI KRIR Thermal Power Plant (2x320MW – Natural gas & Mazout oil fired)
- Job title** : DCS Control Room Operator
- Job Description** : Start-up, shut down and normal operation for the whole unit:
- Safe operation for 2 x 5000 ton/day MSF desalination plant.
 - Safe operation for Main Boiler (Babcock & Wilcox) (1032 ton/hr, 166 bar, 538 °C) and it's auxiliary systems:
 - Combustion air system.
 - Gas re-calculating system.
 - Flame scanner system.
 - Fuel (Natural gas & mazout) system.
 - Soot blower system.
 - Atomizing steam system.
 - Safe operation for SIEMENS Steam Turbine SPPA TCS T3000 processes e.g.:
 - Vacuum preparations.
 - Seal oil system.
 - Seal steam system.
 - Lube oil system.
 - Control oil system.
 - Safe operation of auxiliary systems:
 - Condensate water system.
 - Circulating water system.
 - Closed cooling water system.
 - Feed water system.
 - Service water system.
 - Compressed air system.
 - Safe operation for (2x5000 ton/day) MSF desalination plant.
 - Safe operation for hydrogen generation plant (15 m3/hr).
 - Electrical Analysis for de-mineralized water ((DC power – 9000 amps – 9.2 volts) to 4 cells connected in series).
 - Re-boiler and auxiliary boiler steam system.

- Dates** : From Jul. 2008 till Dec. 2008
- Employer** : Amryia Pharmaceutical Industries
- Job title** : Mechanical Maintenance Engineer inside sterile production department
- Job Description** :
- Bosch: Two production lines of sterile product including (washing machines for ampoules and vials, sterile heating tunnels, filling machines, clean rooms).
 - Bausch + Strobel: Production line of powder product including (washing machines for vials, sterile heating tunnels, filling machines, clean rooms).
 - Finn Aqua: Water distillated unit.
 - Lequex and Getinge: Autoclaves.
 - Eisai and Brivetti: Inspection machines.
 - Herma and Pago: labeling machines.

Dates : Part time
From Sep. 2009 till May 2010
From Sep. 2008 till May 2009
From Sep. 2007 till May 2008

Employer : Alexandria University – Faculty of Engineering

Job title : Drawing Instructor