

Holds B. Sc. and Master degree in Mechanical Engineering and has over 14 years hands-on experience, including 7 years working in Power Plant operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/05/1983
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, 2008
: Master degree in Mechanical Engineering (Thermal Engineering), Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD (2D and 3D)
: Photoshop
: Engineering Equation Solver (EES)
: HAP (Hourly Analysis Program) for HVAC system

TRAINING COURSES AND CERTIFICATIONS

: TOEFL Preparation Course, Community Development Center, University of Alexandria (from Mar. till Jun. 2010).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2017 till May 2019
Project : Sidi Krir Power Plant (2x320MW) (Combined Cycle)
Job title : Operation Engineer

Dates : From Nov. 2014 till Apr. 2017
Employer : Maternity & Children Hospital, Makkah (Saudi Arabia)
Job title : Project Manager

Dates : From Oct. 2013 till Nov. 2014
Employer : Heraa General Hospital, Makkah (Saudi Arabia)
Job title : HVAC Engineer

Dates : From Dec. 2008 till Oct. 2013
Project : Sidi Krir Power Plant (2x320MW) (Combined Cycle)
Job title : Operation Engineer
Job Description :

- Worked as a DCS Unit Operator Engineer in Steam Power Station (2x320MW) (from Dec. 2008 till Dec. 2011).
- Worked as a DCS Unit Operator Engineer in MultiStage Flash Desalination Plant (2 x 5000 ton/day) (from Dec. 2008 till Dec. 2011).
- Worked as a DCS Unit Operator Engineer in Combined Cycle Power Station 750MW (Two Gas Turbines x 250MW & One Steam Turbine x 250MW) (from Dec. 2011 till Oct. 2013).
- Worked at Sidi Krir Power Plant (2x320MW) as a DCS Unit Operator Engineer and got a good experience in:
 - DCS Control system Bailey System.
 - Troubleshooting.
 - Responsible on preparing safety permits, work orders, work access orders for the whole unit.
 - Prepare isolation procedure for equipment maintenance.
 - Safety Tags for equipment maintenance.
 - Diagnostic Alarms.
 - Supervision for work order course (EMPAC program).
 - Boiler operation processes e.g. boiler start-up and normal operation air control, fuel control, soot blowing, both natural gas and oil (Mazout) fire.
 - Unit auxiliary's operation processes including: feed water pumps, both turbine and electrical, (drum level control); circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle.
 - Operator multi stage flash chambers (2 x 5000 ton/day).
- And after that working at Sidi Krir Power Station 750MW Combined Cycle as a DCS Unit Operator Engineer and got a good experience in:
 - Gas Turbine Operation processes e.g. Gas Turbine start-up and normal operation and Shut down.
 - HRSG (Heat Recovery Steam Generation) operation processes e.g. boiler start-up and normal operation.

Dates : From May 2008 till Dec. 2008
Employer : ALEXANDRIA SHIPYARD, Alexandria
Job title : Maintenance Engineer

- Job Description** :
 - Worked as Dry Dock Engineer.
 - Worked in maintenance of Centrifugal pump stations.
 - Worked in maintenance of cranes for dry dock.
 - Worked in maintenance of diesel engine.
 - And learn how to treat with various kinds of people and communication skills and learn work in team work.
- Dates** : From Feb. 2008 till May 2008
- Employer** : SHIP & C.R.E.W (Stevedoring and Ship Operations & Container Services), Alexandria
- Job title** : Maintenance Engineer
- Job Description** :
 - Worked as Maintenance Engineer for heavy equipment.
 - Worked as Sales Engineer for spare parts of heavy equipment.