

Holds a B. Sc. in Mechatronics Engineering and has more than 7 years hands-on experience working in operation and start-up at Sidi Krir Combined Cycle Power Plant.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/01/1988  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechatronics Engineering, Arab Academy for Science & Tech. & Maritime Transport, Alexandria, 2010  
: Secondary Education: College Saint-Marc, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Excellent  
French : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD (2D, 2D Isometric, 3D)  
: Matlab

## **TRAINING COURSES AND CERTIFICATIONS**

: PLC from Jelecom Training Center (2010 – 2011).  
: Microcontroller from Jelecom Training Center (2010 – 2011).  
: PCB from Jelecom Training Center (2010 – 2011).  
: Summer training at Combined Cycle Project at Sidi Krir Power Station (2003).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Apr. 2010 till now  
**Employer** : West Delta Electricity Production Company  
**Project** : Sidi Krir Combined Cycle Power Plant 750MW

- Job Description** :
- Prepare and operate Combined Cycle 750MW (Gas Turbine, HRSG, Steam Turbine and there auxiliaries) in all operation modes (cold, warm and hot) start-up, and safe shutdown, change over the equipment from local and control room.
  - Operate and monitor Gas Turbine Generator Supply 250MW & Linked with team work for Annual Gas turbine overhaul.
  - Operate and monitor Two Heat Recovery Steam Generator Connected Parallel to one Steam Turbine & Linked with team work for HRSG Sections Inspection during Annual Gas Turbine overhaul.
  - Operate and monitor Steam Turbine consist of three sections HP, IP and LP Operates under Sliding Pressure Supply 250MW & Linked with team work for Inspection overhaul to Steam Turbine blades and main Steam valves.
  - Operate Generators & Generator Auxiliaries (Hydrogen cooling & Seal oil Systems).
  - Operate Power Plants Auxiliaries.
  - Reporting the equipment condition during shift.
  - Prepare all the required Technical Mechanical Documentation.
  - Good knowledge with steam unit troubleshooting.
  - Good knowledge with P&I diagrams and process drawing.

**Skills & Endorsements:**

- Job Training Certificate from West Delta Electricity Production Company for Common Failure in Steam Turbine.
- Power Plants.
- Gas Turbines (Operation – Spin cooling after shut down – good knowledge in standard overhaul).
- Steam Turbines (Operation – Governor & Control System).
- Pumps (Analysis for system curve & performance curve – Pump Construction – Pump Connections).
- Generators (Operation – Hydrogen Cooling System – Seal Oil System).
- P&ID (good knowledge with P&I diagrams and process drawing).
- Mechatronics Engineering.
- Engineering.
- Engineering Management.
- Valves.
- Piping.
- Mechanical Drawing using AutoCAD (2D, 2D Isometric, 3D).