

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Power Stations. Has over 15 years' experience in DCS unit operation, Boiler operation, Auxiliary unit operation processes, commissioning, maintenance and overhaul.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 10/03/1984  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2006  
: Diploma in Power Stations, Alexandria University, 2009-2010

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD 2012

## **TRAINING COURSES AND CERTIFICATIONS**

: Summer trainings at:

- Egyptian Electricity Authority, Sidi Krir Project (Jul. 2004).
- Alexandria National Refining Petrochemical Co. (ANRPC) (Aug. 2004).
- Alexandria Portland Cement Company, Lafarge Titan Egypt (Jul. 2005).

: CS3000 Fundamentals for operation at YOKOGAWA Middle East B.S.C. (C) – BAHRAIN (Jan. 2010).

: English: IELTS Certified.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From May 2018 till Dec. 2019  
**Employer** : MITSUBISHI HITACHI POWER SYSTEMS EGYPT LLC

<b>Project</b>	:	South Helwan Supercritical Power Plant 3x650MW
<b>Job title</b>	:	Commissioning Superintendent
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Review EPC Contractual documentation and perform the gap analysis between EPC contractual duties and commercial proposal deliverable.</li> <li>• Following the Operation Statue, routine maintenance, periodical tests and steam turbine performance.</li> <li>• Start-up/Shutdown assessment, trouble shooting and Problem analysis.</li> <li>• Studying and developing quality standards for engineering projects.</li> <li>• Unloading and Inspection of the major auxiliaries at the installation site and their placement on the foundation.</li> <li>• Ability to read and interpret drawings and specifications.</li> <li>• Commissioning, Pre-commissioning and start-up experience on Gas Geometric dimensional check of foundation, equipment turbines.</li> <li>• Monitor and analyze implementations.</li> <li>• Preparing reports on project performance and upcoming stages.</li> </ul>
<b>Dates</b>	:	From Jan. 2018 till Jun. 2018
<b>Employer</b>	:	ORASCOM Construction
<b>Project</b>	:	New Assiut Combined Cycle Power Plant (4x250MW)
<b>Job title</b>	:	Team Leader Mechanical Commissioning Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Define the pre-commissioning, commissioning, start-up training and handover execution plan for 2 Modules (4 HRSG &amp; 4 GT and STG).</li> <li>• Participate in substantial Single Line diagram (MV- LV) Busbars.</li> <li>• Responsible for all mechanical commissioning work being done by the EPC Contractor.</li> <li>• Prepare all plant start-up philosophy and implementation.</li> <li>• Full knowledge of Lock out - Tag out (LOTO).</li> </ul>
<b>Dates</b>	:	From Nov. 2013 till Dec. 2017
<b>Employer</b>	:	West Delta Electricity Production Company
<b>Project</b>	:	SIDI KRIR COMBINED CYCLE POWER PLANT (750MW)
<b>Job title</b>	:	OPERATION SHIFT TEAM LEADER
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Coordinate production start-ups, shutdowns, and changeovers.</li> <li>• Assure safe, fast and efficient resolution of problems to return systems and equipment to ready-to-run condition; encourages reasoned and reasonable risk-taking.</li> <li>• Operation within standard operating procedures and Job Safety Analysis.</li> <li>• Supervise subordinates in accordance with plant policies and procedures.</li> <li>• Arrange with maintenance on-call team to perform urgent repair after normal operating hours.</li> <li>• Manage staff to resolve complex or out of policy operation problems.</li> <li>• Serve as a coach and mentor to team members and motivate team members to work effectively, productively, and with minimum supervision in a team environment.</li> </ul>

**Dates** : From Feb. 2012 till Mar. 2013 (part time)  
**Employer** : POWER SYSTEM PROJECT (PSP)  
**Project** : New Abu Qir Thermal Power Plant 2x650MW  
**Job Description** : 
 

- Working as Operation & Commissioning Engineer for Turbine Auxiliaries and prepare Steam Blowing at First fire.
- Start-up of the unit (CP-118).
- Operate & Commission Multi Effect Desalination (MED Desalination unit (2 x 5000 ton/day).

**Dates** : From Apr. 2007 till Dec. 2012  
**Employer** : West Delta Electricity Production Company  
**Project** : SIDI KRIR Power Plant STG (2x320MW)  
**Job title** : Shift Charge Engineer  
**Job Description** : 
 

- Direct and assist Field Operator in normal and abnormal situations.
- Responsible for operating plant controls to minimize or eliminate forced outages, curtailments, de-rates and preserve the best thermal performance of the unit.
- Start-up, shut-down & safe operation for main Convention low NOx multi burner Steam boiler (BABCOCK) and its auxiliaries including: natural gas firing, mazout firing, start-up of aux boiler, preparation of reboiler system, soot blowing system & chemical cleaning.
- Start-up, shut-down & safe operation for main turbine (SIEMENS) and its auxiliaries including: lube, control oil system, seal oil, seal steam systems, condenser vacuum evacuation system, generator cooling, filling systems, turbine extraction & Turbine drains.
- Start-up, shut-down & safe operation for the auxiliaries' systems including: feed water system using variable speed turbine driven feed water pumps, condensate water system, and closed cooling system, service water system, circulating water system, compressed air system, Hydrogen plant & Desalination plant.
- Desalination Plant (Hitachi): Responsible on safe operation & Maintenance for Multi Stage Flash chamber desalination MSF (20 chambers, 5000 t/day capacity) Plant and its auxiliaries (including: Steam Brine Heater System, Condensate Return System, Brine Recalculating system, Blow Down system, Distillate Intake system, Ejectors Evacuation system & Acid Cleaning system).
- Understand, adhere and comply with the site's Environmental Health & Safety Program.